

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

**A Partial Glossary of Spanish Geological Terms
Exclusive of Most Cognates**

by

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Preface

In recent years, almost all countries in Latin America have adopted democratic political systems and liberal economic policies. The resulting favorable investment climate has spurred a new wave of North American investment in Latin American mineral resources and has improved cooperation between geoscience organizations on both continents.

The U.S. Geological Survey (USGS) has responded to the new situation through cooperative mineral resource investigations with a number of countries in Latin America. These activities are now being coordinated by the USGS's Center for Inter-American Mineral Resource Investigations (CIMRI), recently established in Tucson, Arizona.

In the course of CIMRI's work, we have found a need for a compilation of Spanish geological and mining terminology that goes beyond the few Spanish-English geological dictionaries available. Even geologists who are fluent in Spanish often encounter local terminology or *jerga* that is unfamiliar. These terms, which have grown out of five centuries of mining tradition in Latin America, and frequently draw on native languages, usually cannot be found in standard dictionaries.

There are, of course, many geological terms which can be recognized even by geologists who speak little or no Spanish. These cognates have largely been excluded from this glossary. An exception is made for cognates that are pronounced similarly in English and Spanish, but whose spelling may render them unfamiliar to persons not familiar with the rules of Spanish pronunciation.

The glossary is alphabetized in the traditional Spanish pattern, thus *ch*, *ll*, and *ñ* are treated as separate letters. A list of abbreviations, a section on weights and measures, and a list of sources consulted are given in the prefatory material.

This glossary must be considered preliminary. A complete compilation satisfying the requirements of modern lexicography would require more time than the author can commit. Any user who finds errors or omissions may kindly write to the author at:

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Abbreviations

Abreviaturas

<i>adj</i>	adjective	<i>adjetivo</i>
<i>adv</i>	adverb	<i>adverbio</i>
<i>Arg</i>	Argentina	<i>Argentina</i>
<i>Ariz</i>	Arizona	<i>Arizona (EE.UU.)</i>
<i>BC</i>	Baja California	<i>Baja California (México)</i>
<i>Bol</i>	Bolivia	<i>Bolivia</i>
<i>Br</i>	Brazil	<i>Brasil</i>
<i>Calif</i>	California	<i>California (EE.UU.)</i>
<i>CAm</i>	Central America	<i>América Central</i>
<i>Ch</i>	Chile	<i>Chile</i>
<i>chem</i>	chemistry	<i>química</i>
<i>Col</i>	Colombia	<i>Colombia</i>
<i>cryst</i>	crystallography	<i>cristalografía</i>
<i>Cu</i>	Cuba	<i>Cuba</i>
<i>Ec</i>	Ecuador	<i>Ecuador</i>
<i>Fr</i>	French	<i>francés</i>
<i>Guy</i>	Guyana	<i>Guyana</i>
<i>Hon</i>	Honduras	<i>Honduras</i>
<i>hyd</i>	hydrology	<i>hidrología</i>
<i>LAm</i>	Latin America	<i>Latinoamérica</i>
<i>Méx</i>	Mexico	<i>México</i>
<i>nf</i>	noun (feminine)	<i>sustantivo femenino</i>
<i>nm</i>	noun (masculine)	<i>sustantivo masculino</i>
<i>NMex</i>	New Mexico	<i>Nuevo México (EE.UU.)</i>
<i>obs</i>	obsolete	<i>caída en desuso</i>
<i>Par</i>	Paraguay	<i>Paraguay</i>
<i>Pe</i>	Peru	<i>Perú</i>
<i>pet</i>	petroleum	<i>petróleo</i>
<i>pl</i>	plural	<i>plural</i>
<i>PR</i>	Puerto Rico	<i>Puerto Rico</i>
<i>seis</i>	seismology	<i>sismología</i>
<i>Sp</i>	Spain	<i>España</i>
<i>stats</i>	statistics	<i>estadística</i>
<i>Sto Dgo</i>	Dominican Republic	<i>Santo Domingo</i>
<i>surv</i>	surveying	<i>levantamiento</i>
<i>SWUS</i>	southwest United States	<i>suroueste de los EE.UU.</i>
<i>Ur</i>	Uruguay	<i>Uruguay</i>
<i>US</i>	United States	<i>Estados Unidos</i>
<i>var</i>	variety	<i>variedad</i>
<i>vintr</i>	intransitive verb	<i>verbo intransitivo</i>
<i>vpr</i>	reflexive verb	<i>verbo pronominal</i>
<i>vtr</i>	transitive verb	<i>verbo transitivo</i>
<i>Vz</i>	Venezuela	<i>Venezuela</i>

Weights and Measures *Pesos y Medidas*

The following is a tabulation of non-metric weights and measures used in Spanish-speaking countries. Tables of metric weights and measures may be found in almost any standard dictionary of the English and Spanish languages.

Lo siguiente es una compilación de pesos y medidas no métricos que se emplea en los países Hispanos. Se pueda encontrar una tabla de pesos y medidas métricas en cualquier diccionario de inglés o español.

Area *Área*

A number of local measures of area are used in Spain and Latin America:

<i>almud</i> (Venezuela)	400 to 25,600 meters ²
<i>área</i> (Venezuela)	555 meters ²
<i>besana</i> (Cuba)	2,588.77 meters ² (<i>6.25 cordeles</i> ²)
<i>brazo</i> (Panama)	2.79 meters ²
<i>cabellería</i> (Costa Rica)	42.254 hectares
<i>cabellería</i> (Cuba)	13.420 hectares (<i>324 cordeles</i> ²)
<i>cabellería</i> (Ecuador)	11.2896 hectares (<i>16 cuadras</i> ²)
<i>cabellería</i> (El Salvador)	44.965 hectares (<i>64 manzanas</i>)
<i>cabellería</i> (Guatemala)	44.72 hectares (<i>64 manzanas</i>)
<i>cabellería</i> (Honduras)	45.027914 hectares
<i>cabellería</i> (Mexico)	42.7953 hectares (<i>12 fanegas</i>)
<i>cabellería</i> (Nicaragua)	45.158 hectares (<i>64 manzanas</i>)
<i>cabellería</i> (Santo Domingo)	75.46 hectares (<i>1,200 tareas</i>)
<i>cantero</i> (Ecuador)	441 meters ²
<i>carga</i> (Venezuela)	1 hectare
<i>caró</i> (Santo Domingo)	1.293 hectares
<i>corral</i> (Latin America)	5,887 hectares
<i>cuadra</i> (Paraguay)	7,500 meters ²
<i>cuadra</i> (Uruguay)	1.99 hectares
<i>cuadro</i> (Venez.-East)	0.64 to 1.0 hectares
<i>cuadro</i> (Venez.-West)	0.64-1.8 hectares
<i>cuartilla</i> (Venezuela)	100 to 2,500 meters ²
<i>cuerda</i> (Puerto Rico)	0.393 hectares (<i>4 parcelas</i>)
<i>estadal</i> (Nicaragua)	11.28 meters ²
<i>estadal</i> (Spain)	11.182 meters ²
<i>fanega</i> (Mexico)	3.5663 hectares
<i>fanegada</i> (Peru)	0.646 hectares
<i>fanegada</i> (Spain)	0.6426 hectares (<i>576 estadales</i>)
<i>fanegada</i> (Venezuela)	0.45 to 4 hectares
<i>labor</i>	71.685 hectares
<i>legua</i> (Venezuela)	1,600 to 2,500 hectares
<i>line</i> (Paraguay)	75.1 meters ² (<i>100 varas</i> ²)
<i>liño</i> (Paraguay)	75.1 meters ² (<i>100 varas</i> ²)
<i>litro</i> (Sucre, Venez.)	625 meters ²

<i>manzana</i> (Argentina)	1 hectares
<i>manzana</i> (Costa Rica)	0.699 hectares (<i>8 solares</i>)
<i>manzana</i> (El Salvador)	0.70258 hectares (10,000 <i>varas</i> ²)
<i>manzana</i> (Guatemala)	0.70 hectares (10,000 <i>varas</i> ²)
<i>manzana</i> (Honduras)	0.697225 hectares (10,000 <i>varas</i> ²)
<i>manzana</i> (Nicaragua)	0.744 hectares (10,000 <i>varas</i> ²)
<i>medida</i> (Sucre, Venez.)	625 meters ²
<i>medio</i> (Venezuela)	0.5 hectare
<i>parcela</i> (Puerto Rico)	982.6 meters ²
<i>plaza</i> (Venezuela)	10 to 20 meters ²
<i>roza</i> (Cuba)	0.746 hectares (18 <i>cordeles</i> ²)
<i>roza</i> (Cuba)	0.719 hectares (10.000 <i>varas</i> ²)
<i>sitio de ganado menor</i> (Mex)	1348.933 hectares
<i>sitio de ganado mayor</i> (Mex)	1,755.61 hectares (1 <i>leguas</i> ²)
<i>sitio de labor</i> (Mex)	1,755.61 hectares (1 <i>leguas</i> ²)
<i>solar</i> (Costa Rica)	873.62 meters ² (1,250 <i>varas</i> ²)
<i>solar</i> (Ecuador)	1,764 meters ² (4 <i>canteros</i>)
<i>suerte</i> (Nicaragua)	1.41 hectares
<i>suerte</i> (Uruguay)	1,992 hectares (2,700 <i>cuadras</i> ²)
<i>tahúlla</i> (Spain)	0.1118 hectares
<i>tarea</i> (Cuba)	69.03 meters ²
<i>tarea</i> (El Salvador)	280 to 875 meters ²
<i>tarea</i> (Santo Domingo)	628.8 meters ²
<i>tarea</i> (Venezuela)	50 to 833 meters ²
<i>tablón</i> (Venezuela)	0.6 to 1.0 hectares
<i>topo</i> (Peru)	0.349 hectares
<i>topo</i> (Peru, Cuzco)	0.272 hectares
<i>topo</i> (Peru, Puna)	0.461 hectares
<i>yugada</i> (Peru)	32.3 hectares (50 <i>fanegadas</i>)
<i>yugada</i> (Spain)	32.198 hectares

Assay Values
Medidas de Tenor

The traditional measure of silver grade in the Viceroyalty of Peru was *marcos por cajón*. In modern day Bolivia and Peru the *cajón* is defined as 5,000 and 6,000 *libras* respectively, hence:

<i>marco por cajón</i> (Bolivia)	100 grams per tonne
<i>marco por cajón</i> (Peru)	83.333 grams per tonne

In Bolivia 1 *marco por cajón* is known as a *decimarco* (abbreviated D.M.). In Chile, precious metal grades were often measured as *diezmilésimos* defined as 0.001 grams metal per gram of ore (equivalent to 1,000 grams per tonne or 1 part per thousand).

	Length <i>Distancia</i>
punto	1/12 línea
línea	12 puntos
pulgada	12 líneas
cuarta ¹	8 pulgadas
pie or tercia	12 pulgadas
vara	3 pies
yarda	36 pulgadas
braza	2 varas
estado or estadel	2 brazas
cuadra ²	75 brazas
milla ³	5,000 pies, 1666 2/3 varas

¹ Except Guatemala, Nicaragua, and Spain where a *cuarta* is 9 *pulgadas*.

² Except Colombia where 100 *brazas* is a *cuadra* and in Ecuador, Paraguay, and Uruguay where 100 *varas* is a *cuadra*.

³ Except Nicaragua where a *milla* is 2,200 *varas*.

In Ecuador the *cuarta* is known as *cuarto* or *palma*. In Guatemala a *mecate* is 24 *varas*. In Spain a *dedo* is 1/12 of a *palma* and 1/28 of a *vara*.

The length of a *vara* varies according to country:

Argentina	0.8667 meters
Bolivia	0.866 meters
Brazil	1.111 meters
Chile	0.8359 meters
Colombia	0.8 meters
Costa Rica	0.836 meters
Cuba	0.848 meters
Curaçao	0.8477 meters
Ecuador	0.84 meters
El Salvador	0.836 meters
Guatemala	0.8359 meters
Honduras	0.835 meters
Mexico	0.83800 meters
Nicaragua	0.84 meters
Panama	0.80 meters
Paraguay	0.8666 meters
Peru	0.8382 meters
Sao Tome & Principe	4.84 meters
Santo Domingo	0.836 meters
Spain	0.8359 meters
Spain (Burgos)	0.8359 meters
Uruguay	0.859 meters
Venezuela	0.838 meters

A *legua* is the distance covered by 5,000 footsteps or *pies*, equivalent to 5,000 to 5,572 meters depending on the legal definition of the *vara*. The *legua* is sometimes defined as 8,000 footsteps.

or *pies*. The *legua* is also sometimes reckoned as the distance covered by horseback in one hour over level terrain. A day's ride on horseback is considered to cover 6 *leguas*. Legal definitions of the *legua* vary from country to country:

Argentina	6,000 <i>varas</i>	5.20 km
Chile	5,400 <i>varas</i>	4.51386 km
Colombia	6,250 <i>varas</i>	5 km
Cuba	5,000 <i>varas</i>	4.24 km
Ecuador		5 km
El Salvador		4 km
Guatemala	6,666.6667 <i>varas</i>	5.573 km
Honduras	5,000 <i>varas</i>	4.175 km
Mexico	5,000 <i>varas</i>	4.190 km
Paraguay	5,000 <i>varas</i>	4.333 km
Peru		5.556 km
Santo Domingo		5 km
Spain	6,666.667 <i>varas</i>	5.573 km
Spain (Medieval)	5,000 <i>varas</i>	4.1795 km
Uruguay	6,000 <i>varas</i>	5.154 km
Venezuela		5.565 km

Other measures of length are:

<i>cabulla</i> (Venezuela)	80 meters
<i>codo</i> (Spain)	0.418 meters
<i>cordel</i> (Cuba)	20.352 meters (24 <i>varas</i>)
<i>cordel</i> (Paraguay)	69.88 meters
<i>cuerda</i> (Paraguay)	69.88 meters
<i>línea</i> (Arg., Para.)	2 millimeters
<i>mecate</i> (Costa Rica)	20.064 meters (24 <i>varas</i>)
<i>ona</i> (Santo Domingo)	1.188 meters
<i>paso</i> (Spain)	1.39 meters
<i>sesma</i> (Spain)	13.93 centimeters
<i>tercia</i> (Costa Rica)	27.87 centimeters (1/3 <i>vara</i>)

Volume *Volumén*

A *cajón* (*cargo* in Spain) is a cubic *vara*. In Mexico a *brazo de piedra* is defined as a block of rock 2 by 4 by 1 *varas* in dimensions equivalent to 4.7078 cubic meters.

	Weight <i>Peso</i>
<i>grano</i>	1/12 <i>tomín</i>
<i>tomín</i>	12 <i>granos</i>
<i>adarme</i>	3 <i>tomines</i>
<i>ochava</i>	2 <i>adarmes</i>
<i>onza</i>	8 <i>ochavas</i>
<i>marco</i>	8 <i>onzas</i>
<i>libra</i>	2 <i>marcos</i>
<i>botija</i>	12.5 <i>libras</i>
<i>arroba</i>	25 <i>libras</i>
<i>almud</i>	28 <i>libras</i>
<i>cuartilla</i>	50 <i>libras</i>
<i>tercio</i> ¹	80 <i>libras</i>
<i>quintal</i>	4 <i>arrobas</i>
<i>fanega</i> ²	2 <i>quintales</i>
<i>carga</i> ³	3 <i>quintales</i>
<i>peso</i>	20 <i>arrobas</i>
<i>tonelada</i>	20 <i>quintales</i>
<i>montón</i> ⁴	3,000 <i>libras</i>
<i>cajón</i> ⁵	5,000 <i>libras</i>

¹ Except Mexico where a *tercio* is 160 *libras*.

² Except El Salvador where a *fanega* is 24 *medios* or 432 to 720 *libra*, Nicaragua where a *fanega* is 3.5 *quintales*, and Uruguay where a *fanega métrica* is 100 kg.

³ Except Costa Rica where a *carga* is 350 *libras* and El Salvador and Nicaragua where a *carga* is 2 *quintales*. In Mexico a *carga métrica* is 140 kilograms.

⁴ In Mexico a *mόnton* varied from 15 to 32 *quintales*.

⁵ Except in Chile where a *cajόn* is 6,400 *libras* and Peru where a *cajόn* is 6,000 *libras*.

In Bolivia the *libra* is also known as the *arratel*. In Colombia a *tonelada granadina* is 1,000 kilograms. In Ecuador the *quintal* is also known as the *media* and the *fanega* as the *mula*. In El Salvador a *medio* is 18 to 30 *libras*, a *carretada* or *tonelada corta* is a *tonelada* of 20 *quintales*, and the *carretada* is 3 *camionadas* (*toneladas*). In México a *tarea* is 4 *montones* of 100 *quintales*. In Paraguay the *arroba* is called *arobe*. In Spain a *tonelada grande* is 2,240 *libras*. In some areas of Spain there were 12, 17, or 20 *onzas* to a *libra*. The weight of a *libra* varies from country to country:

Argentina	0.4594 kilograms
Brazil	0.4600 kilograms
Central America	0.4730943 kilograms
Chile	0.0460 kilograms
Colombia	0.5 kilograms
Costa Rica	0.460 kilograms
Cuba	0.507825 kilograms
Ecuador	0.460 kilograms
El Salvador	0.460 kilograms
Guatemala	0.460 kilograms
Honduras	0.460 kilograms
Mexico	0.46024634 kilograms
Nicaragua	0.460 or 0.46024 kilograms

Paraguay	0.459 kilograms
Peru	0.46009 kilograms
Santo Domingo	0.4536 kilograms
Spain	0.460093 kilograms
Uruguay	0.4594 or 0.4 kilograms
Venezuela	0.4609 kilograms

Other measures of weight are:

<i>almud</i> (Venezuela)	9 to 50 kilograms
<i>botijuela</i> (Venezuela)	5 kilograms
<i>bulto</i> (Venezuela)	18-80 kilograms
<i>cabulla</i> (Venezuela)	20 kilograms
<i>caja</i> (Nicaragua)	16 kilograms
<i>caja</i> (Venezuela)	18 to 63 kilograms
<i>cajón</i> (Bolivia)	2,300.4651 kilograms
<i>cajón</i> (Peru)	2,760.5581 kilograms
<i>carga</i> (Venezuela)	22 to 345 kilograms
<i>cotejo</i> (Venezuela)	5 kilograms
<i>cuadro</i> (Venezuela)	60 kilograms
<i>cuartilla</i> (Venezuela)	2 to 10 kilograms
<i>cuenta</i> (Venezuela)	10 to 50 kilograms
<i>barril</i> (Fr. Guiana)	100 kilograms
<i>fanega</i> (Venezuela)	46 to 400 kilograms
<i>lata</i> (Costa Rica)	453.1 grams
<i>litro</i> (Venezuela)	2.5 kilograms
<i>madeja</i> (Venezuela)	5 to 15 kilograms
<i>mancuerna</i> (Honduras)	1.4375 kilograms
<i>mancuerna</i> (Venezuela)	2 to 15 kilograms
<i>mara</i> (Venezuela)	50 to 200 kilograms
<i>mil</i> (Venezuela)	400 kilograms
<i>paca</i> (Venezuela)	50 kilograms
<i>palito</i> (Venezuela)	9 to 18 kilograms
<i>paquete</i> (Venezuela)	1.2 to 2 kilograms
<i>punto</i> (Venezuela)	600 kilograms
<i>quilate</i> (Colombia)	20 milligrams
<i>quintal métrico</i>	100 kilograms
<i>saco</i> (Venezuela)	20 to 60 kilograms
<i>tercio</i> (Venezuela)	40 kilograms
<i>vara</i> (Venezuela)	250 grams

Typical loads (*cargas*) for transporting ore are:

man	2 arrobas
rawhide oresack	2-4 arrobas
fiber oresack	5-6 arrobas
mule	8-14 arrobas
wagon	120 arrobas

Coinage - Gold
Moneda - Oro

<i>grano</i>	<i>1/4 quilate</i>
<i>quilate</i>	<i>4 granos</i>
<i>real</i>	<i>6 granos</i>
<i>tomín</i>	<i>3 quilates, 2 tomines</i>
<i>peso</i>	<i>4 tomines</i>
<i>castellano or dineral</i>	<i>2 pesos</i>
<i>marco</i>	<i>50 castellanos or dinerales</i>
<i>libra</i>	<i>2 marcos</i>

Coinage - Silver
Moneda - Plata

<i>grano</i>	<i>1/12 tomín</i>
<i>tomín</i>	<i>12 granos</i>
<i>dinero</i>	<i>2 tomines</i>
<i>adarme</i>	<i>3 tomines</i>
<i>ochava</i>	<i>2 adarmes</i>
<i>onza</i>	<i>8 ochavas</i>
<i>marco or dineral</i>	<i>8 onzas</i>

The Spanish *peso* was a silver coin of about 25 grams in weight.

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A

aalenense *adj* Aalenian | *nm* Aalenian
aaleniano,-na *adj* Aalenian
aaleniense *adj* Aalenian
aaltar *nm* regolith found in western Flanders
aas *nm* a type of sand dune
ábaco *nm* a. trough (*artesa*) in which gold placers are washed | washtrough, baffle | graph, chart, nomogram
abajadero *nm* slope, downgrade
abajador *nm* [Sp, Méx] tool carrier in (a mine)
abajamiento *nm* subsidence
abajar *vtr* to lower, let down | to fall, descend
abajo *adv* down, below, under
abajor *nm* depression
abaluartado,-da *adj* rock mass in the form of a bulwark (*baluarte*)
abancalado,-da *adj* terraced
abandonado,-da *adj* abandoned, as in *mina abandonada* which should be distinguished from *una mina agotada* which has been abandoned specifically due to depletion
abandonamiento *nm* abandonment
abandonar *vtr* to abandon | to leave, as in *los mineros abandonaron la mina* 'the miners left the mine' | *a. un sondeo* to abandon a. well
abanico *nm* fan | fan shaped workings or stopes | *a. aluvial* alluvial fan | *a. de deyección* talus fan, debris cone
abarrancar *vtr* to excavate | to form gullies
abarranco,-ca *adj* excavated
abastar *vtr* to furnish, supply
abastecimiento *nm* supply | *a. de agua* water supply
abasto *nm* output of a mine or mill | provisioning, supplying | abundance, great amount | *a. de agua* water supply
abataje *nm* breaking ground
abatón *nm* inaccessible location
aberración *nf* aberration
aberrante *nm* aberrant
abertal *adj* cracked, generally by drought
abertura *nf* opening, fissure | aperture | the reopening of a vein | driving of levels or drifting in a mine | gap or pass between mountains | cove, small bay | *a. de galería* driving, tunneling | *a. volcánica* vent
abetunado,-da *adj* very brown
abichita *nf* [Ch] clinoclase

abierto,-ta *adj* open | flat, level (terrain)
abigarrado,-da *adj* multi-colored, variegated | mottled
abioglifo *nm* abioglyph
abiótico,-ca *adj* abiotic
abisal *adj* abyssal
abísico,-ca *adj* abyssal
abismal *adj* abyssal
abismo *nm* abyss | deep | steep face
abisolbético,-ca *adj* abyssal-benthic
abisolito *nm* batholith
abisolítico,-ca *adj* abyssolithic
abisopelágico,-ca *adj* abyssal-pelagic
ablación *nf* erosion | ablation
ablatógrafo *nm* ablatograph
abocardado,-da *adj* bell or funnel shaped
abocarder *vtr* to widen the opening of or to something
abocardar *nm* drill
abocelado,-da *adj* torus-shaped
abocinado,-da *adj* trumpet shaped, splayed
abocinamiento *nm* widening
abocinar *vtr* to widen an opening
abombado,-da *adj* convex | swollen
abombamiento *nm* dome | anteclide
aborregado,-da *adj* glaciated | striated by the action of glaciers
aborto de oro *nm* [Pe] nuggets of gold found in potholes (*hucucas*)
abovado,-da *adj* arched, vaulted
abra *nf* reopening of a vein | fissure or cleft in sand | gorge, break or fissure in a mountain | clearing, opening, gap | cove | [surv] clearing for line of sight
abrasilado,-da *adj* deep red
abrasión *nf* erosion by water and wind | abrasion | scour
abrasivo,-ca *adj* abradant, abrasive
abrazar *vtr* to enclose | to fabricate some kind of structure to prevent caving and spalling of the roof of a mine
abrevadero *nm* flooded mine | [Col] a water filled excavation used to work placers
abridura *nf* [Méx] enlargement (of a gallery)
abrijo *nm* the width of a vein | inhabited cave | *a. del carbón* [Cerro de Pasco, Pe] argillaceous rock forming the footwall and hanging wall to coal seams
abrilantar *vtr* to cut (diamonds or other gemstones)
abrimiento *nm* opening

abrir *vtr* to drive or open up a working | *a. el terreno* to bore | *a. una galería* to drift | *a. un pozo* to sink a shaft or well | *a. un surco* to dig a trench | *a. un tunel* to tunnel
abrirse *vpr* to open up, widen (as for a vein)
abrojos *nmpl* reef, hidden rocks
abronzado *nm* tetrahedrite | [Méx] chalcopyrite and other copper ores
abrupto,-ta *adj* terraced, scarp like | steep, sheer, abrupt | rugged, craggy
absaroquita *nf* absarokite
abscisa *nf* abscissa
absorbencia *nf* absorption, absorbency, absorptivity
absorbente *nm* absorbent, absorptive
absorber *vtr* to absorb
absorbible *adj* absorbable
absorción *nf* absorption | *a. atmosférica* atmospheric absorption | *a. del suelo* ground absorption
absoredor *nm* absorber
absorto,-ta *adj* absorbed
abstracción *nf* abstraction
abultar *vtr* to bulk, swell
abundamiento *nm* abundance
abundancia *nf* abundance
abundante *adj* abundant
abundar *vtr* to be plentiful, abound | to be rich in
abundoso,-sa *adj* abundant
abyosal *adj* abyssal
abysico,-ca *adj* abyssal
acabalgamiento *nm* thrust, overthrust
acadiano,-na *adj* Acadian | *nm* Acadian
acádico,-ca *adj* Acadian
acadiense *m* Acadian
acamado,-da *adj* horizontal
acampanado,-da *adj* bell shaped
acampanar *vtr* to flare, splay | [Col] to clean a placer down to paydirt
acampar *vtr* to camp | to build a camp
acanalado,-da *adj* grooved | ribbed | fluted | corrugated, troughed
acanaladura *nf* groove, channel
acanalamiento *nm* grooving
acanelado *nm* [Zacatecas, Méx] finely disseminated black, brown and yellow sphalerite mixed with argentite and pyrargyrite-proustite
acantilado,-da *adj* steep, sheer, precipitous | *nm* cliff, steep slope

acantita *nf* acanthite
acaobado,-da *adj* mahogany colored
acaparrosado,-da *adj* copper colored
acardenillado,-da *adj* stained by copper carbonate
acarmelado,-da *adj* caramel colored
acarmirado,-da *adj* carmine, crimson
acarreadizo,-za *adj* portable | shifting (sand)
acarreo *nm* transported material of any kind | transport of ore, supplies, etc. | alluvium | float, drift | supply | *a. acuífero* conglomerate | *a. fluvial* silt, alluvium | river drift | *a. fluvioglacial* fluvioglacial drift | *a. hidráulico* sluicing, hydraulic | *a. morrénico* moraine | *de a. placer*
acarreos *nmpl* material carried by a stream, bed load | drift | float | *a. de glaciar* glacial drift | *a. del escurrimiento* silt runoff
acavernar *vtr* to take the form of a cavern
acceso *nm* entrance
accesorio,-ria *adj* accessory
accidentado,-da *adj* rough, uneven, hilly, broken
accidental *adj* accidental | accessory
accidente *nm* roughness, unevenness (terrain) | any topographic feature which disrupts the regular form of a terrain | *a. del terreno* hills and valley | *a. longitudinal* parallelism of vertical folds | *a. topográfico* hills and valleys
acción *nf* share in a. mine, venture, company or property | capital stock of a. company | *a. eólica* aeolian
aceite *nm* any oil of vegetable or mineral origin
aceitero,-ra *adj* of oil, oil
aceitón *nm* thick oil | dregs, oily sediment
aceitoso,-sa *adj* oily
aceleración *nf* acceleration | *a. de gravedad* gravitational acceleration
acelerador *nm* accelerogram | *a. de reacción* catalyst
acelerógrafo *nm* accelerograph
acelerograma *nm* accelerogram
acelerómetro *nm* accelerometer
acendrada *nf* [Pe] white marl used as a refractory
acendramiento *nm* metal refinery
acendar *vtr* to refine metal
acequia *nf* flume | [Pe] brook
acerado *nm* [Arg] silver sulfide-bearing pyrite ore | [Peras, Méx] massive gold-bearing pyrite in milky quartz | [Guadalcázar, Méx] guadalcazarite | [Méx] stephanite, cerargyrite

or any other steel grey silver mineral | [Potosí, Bol] jamesonite | *a. blanco* [Potosí, Bol] white jamesonite | *a. lejizo* [Potosí, Bol] slaty jamesonite | *a. zebroso* [Potosí, Bol] fibrous jamesonite
acerado,-da *adj* steely, color of steel, steel grey
acerar *vtr* to chill, harden
acerdesa *nf* wad or bog manganese
acería *nf* steel works or mill
acerillo *nm* [Pe] small, granular crystals of galena (considered to be rich in silver)
acero *nm* steel
acetato *nm* acetate
acético,-ca *adj* acetic
aciclar *adj* acicular
aciculita *nf* aikinite
acidez *adj* acidness | *nf* acidity
acidificación *nf* acidification
acidificar *vtr* to acidify | to acidize | *vpr* to acidify
acidímetro *nm* acidimeter
ácido,-da *adj* acidic | *nm* acid | *á acético* acetic acid | *á bórico* boric acid | *á carbólico* carbolic acid | *á clorhídrico* hydrochloric acid | *á fénico* carbolic acid | *á hidroclórico* hydrochloric acid | *á hidriódico* hydroiodic acid | *á lodoso* [pet] sludge acid | *á muriático* hydrochloric acid | *á nítrico* nitric acid | *á nitrohidroclórico* nitric acid | *á nitromuriático* nitric acid | *á sulfúrico* sulfuric acid
acídula *nf* mineral water rich in carbonic acid
acidular *vtr* to acidulate | to acidize
aciete *nm* oil | *a. bruto* crude oil | oil in bulk | *a. combustible* fuel oil | *a. crudo* crude oil | *a. de alquitrán* tar oil | *a. de aluminado* kerosene | *a. de azufre* sulfuric acid | *a. de carbón* coal oil, kerosene | *a. de esquisto* shale oil | *a. de horno* fuel oil | *a. de lámpara* [Méx] kerosene | *a. de taladrar* drilling oil | *a. de vitriolo* sulfuric acid | *a. lampante* [Sp] kerosene | *a. mineral* petroleum
acije *nm* vitriol, metal sulfate | *a. amarillo* copiapite | *a. blanco* goslarite | *a. de hierro* iron vitriol
acis *nm* volcanic vent | diapiric fold
aclínico,-ca *adj* aclinic
aclividad *nf* acclivity
acimut *nm* azimuth
acimutal *adj* azimuthal
acobrado,-da *adj* copper colored
acocadera *nf* stone cutter's chisel
acodalamiento *nm* shoring, trench bracing

acodalar *vtr* to shore, brace
acodamiento *nm* break | shoring, trench bracing
acodar *vtr* to shore, brace | [surv] to offset
acometer *vtr* to branch
acomodana *nf* [Pe] ore deposit
aconcharse *vpr* [Ch] to deposit sediment
acóndrito *nm* achondrite
aconita *nf* [Ch] mixture of pyrite and arsenopyrite
acopado,-da *adj* hollowed out, cupped, cup-shaped
acopio *nm* waste heap, tailings dump
acordamiento *nm* concordance of strata
acordancia *nf* conformity, concordance
acordanza *nf* artificial concordance caused by tectonic movements
acostado,-da *adj* recumbent
acostar *vtr* to take a vertical dip
acostarse *vpr* to change dip or direction
acotación *nf* boundary marker or monument | elevation marked on a map or plan | [Cu] elevation
acotamiento *nm* setting of boundary markers
acotar *vtr* to delimit, mark the boundaries of | to mark elevations | [surv] to mark out, set monuments
acotilla *nm* sledge hammer
acrecencia *nf* accretion
acrecimiento *nm* accretion
acreción *nf* accretion
acrepie *nm* acre-foot
acribar *vtr* to sift, sieve, screen
acrisolar *vtr* to refine, assay or purify metals in a crucible (*crisol*)
acrisolado,-da *adj* refined, purified in a crucible
acrobatológico,-ca *adj* acrobatholithic
acrofta *nf* achroite
acromático,-ca *adj* achromatic
actínico,-ca *adj* actinic
actinio *nm* actinium
actinota *nf* actinolite
actinoto *nm* actinolite
activado,-da *adj* activated
actividad *nf* [chem] activity
Actual *nm* Holocene
acuático,-ca *adj* aquatic
ácueo,-ea *adj* aqueous
ácueoglacial *adj* glacioaqueous
ácueo-ígneo,-nea *adj* hydroplutonic
acuicierre *nm* aquiclude

acuiclus <i>nf</i> aquaclude	ademas <i>vtr</i> to shore, timber (a mine)
acuico,-ca <i>adj</i> aquic	ademe <i>nm</i> shore, strut <i>a. de prestado</i> temporary timbering
acuífera <i>nf</i> aquifer	ademantino,-na <i>adj</i> diamond-like, adamantine
acuífero,-ra <i>adj</i> water-bearing, aquiferous <i>a. artesiano</i> artesian aquifer	adentro <i>adv</i> inside <i>mar a.</i> offshore <i>terra a.</i> inland
acuifuga <i>nf</i> aquifuge	adherido,-da <i>adj</i> adherant attached <i>no a.</i> unattached
acuitardo <i>nm</i> aquitard	adiabático,-ca <i>adj</i> adiabatic
acumbrado,-da <i>adj</i> in the form of a pinnacle	adiamantado,-da <i>adj</i> diamond-like, adamantine
acuminado,-da <i>adj</i> conical	adición <i>nf</i> apposition addition
acumulación <i>nf</i> deposition accumulation accretion	adicional <i>nm</i> admixture
acumulador de mineral <i>nm</i> large ore deposit	adicionante <i>nm</i> admixture
acumular <i>vtr</i> to aggrade	adinola <i>nf</i> desmosite
acumulativo,-va <i>adj</i> cumulative	adipita <i>nf</i> chabazite
acuñamiento <i>nm</i> truncation of strata or deposits by erosion thinning out of a vein	adobe <i>nm</i> clayey, loess-like soil that is plastic when wet but hard when dried and thus suitable for brickmaking
acuñarse <i>vpr</i> to truncate	adobera <i>nf</i> brickyard or brick works
acuoso,-sa <i>adj</i> of or pertaining to water, aqueous aqueous, watery	adoguina <i>nf</i> desert pavement
acuosoluble <i>adj</i> water soluble	adorbería <i>nf</i> brickyard
acústico,-ca <i>adj</i> acoustic	adsorber <i>vtr</i> to adsorb
acutángulo,-la <i>adj</i> acute angled	adsorción <i>nf</i> adsorption
achatado,-da <i>adj</i> oblate	adularitzación <i>nf</i> adularitization
achatamiento <i>nm</i> levelling by erosion	adventicio,-cia <i>adj</i> adventitious
achatar <i>vtr</i> to level by erosion	adyacente <i>adj</i> adjacent, contiguous
achicamiento <i>nm</i> draining of a mine	aegerina <i>nf</i> acmite
achicar <i>vtr</i> to dewater a mine or working	aegirina <i>nf</i> acmite
achiflonado,-da <i>adj</i> [Ch] sloping	aerífero,-ra <i>adj</i> copper-bearing
achique <i>nm</i> dewatering	aeróbico,-ca <i>adj</i> aerobic
achúa <i>nf</i> [Ch] small, earthenware pan used for making tests during the <i>patio</i> process of amalgamating silver ores	aerolito <i>nm</i> aerolite, stony meteorite
achura <i>nf</i> [Bol] rich ore	aerofotografía <i>nf</i> aerial photography
adamantino,-na <i>adj</i> adamantine	aerofotográfico,-ca <i>adj</i> aerial photographic
adamelita <i>nf</i> adamellite	aerofotogrametría <i>nf</i> aerial photogrammetry
adamina <i>nf</i> adamite	aerofotogramétrico,-ca <i>adj</i> aerial photogrammetric
adarme <i>nm</i> half a dram or 1/16 of a Spanish ounce	aerofotopografía <i>nf</i> topography by aerial photography
adelantado,-da <i>adj</i> advanced	aeromagnético,-ca <i>adj</i> aeromagnetic
adelantar <i>vtr</i> to advance	aeromagnetía <i>nf</i> aeromagnetics
adelgazamiento <i>nm</i> the thinning out of a bed or vein <i>a. que termina en cuña</i> wedging out	aeropoligonación <i>nf</i> aerial traversing
adelgazar <i>vtr</i> to thin out as for veins, beds, etc. [Col] to separate gold and concentrates (<i>jaguas</i>) from gravel in order to facilitate final washing	aerotopógrafo <i>nm</i> aerotopograph
adema <i>nm</i> [min] shore, prop	aerotriangulación <i>nf</i> aerotriangulation
ademado <i>nm</i> [min] timbering, bracing, shoring [Méx] well casing <i>a. de cajón</i> cribwork	aerovía de cable <i>nf</i> aerial tramway
ademador <i>nm</i> timberman, shorer	afallamiento <i>nm</i> [Méx] faulting
ademadora <i>nf</i> ax used in mine timbering	afanesa <i>nf</i> aphanite, clinoclase

Pattison process for separating silver from lead
afinado *nm* refining
afinadura *nf* refining
afinamiento *nm* refining
afinar *vtr* to refine metals
afino *nm* refining | refinery
aflojadero *nm* [Méx] the soft part of a vein
aflojar *vtr* to loosen, slacken | to remove ore trapped in an ore chute | *a. el canalón* [Col] to pan or wash material accumulated in a ground sluice (*canalón*)
afloramiento *nm* outcrop | exposure
aflorar en *vintr* to outcrop or crop out | to spring (groundwater) | *vtr* to sift or sieve
afluencia *nf* runoff, inflow
afluente *adj* inflowing, affluent, tributary | *nf* tributary
afluir *vintr* to flow in | to be a tributary | to open, lead
aflujo *nm* inflow, runoff, afflux
aforamiento *nm* valuation, appraisal | guaging, measuring
aforar *vtr* to guage, measure capacity or tonnage | to measure or guage a flow of water | to appraise
aforo *nm* guaging, measuring, measurement | appraisal, assessment, valuation | flow of a river | capacity
afótico,-ca *adj* aphotic
afrechera *nf* [Pe] a finely divided amalgam which results from the use of insufficient mercury
afrentar un hilo *vtr* [Col] to make a perpendicular cut across a vein to determine its thickness, dip and strike
afrolítico,-ca *adj* aphrolitic
afrontonar *vtr* to muck (ore)
Aftonense *nm* Aftonian, Günz-Mindel interglacial
aga *nf* red marl
agálico *nm* plutonic rocks
ágata *nf* agate | *a. en cinta* ribboned agate
agente *nm* agent | *a. catalítico* catalyst | *a. de tierras* land man | *a. mineralizador* mineralizing agent | *a. mineralizante* mineralizing agent | *a. químico* reagent | *a. reductor* reducing agent
aglomeración *nf* agglomeration
aglomerado *nm* agglomerate, conglomerate | *a. volcánico* agglutinate
aglomerante *nm* matrix
aglomerar *vtr* to agglomerate

aglutinante *nm* cement
aglutinar *vtr* to agglutinate, cement | to aggregate
aglutinización *nf* agglutination
agmatítico,-ca *adj* agmatitic
agojía *nf* a channel cut to remove water from a mine
agolpamiento *nm* impounding
agónico,-ca *adj* agonistic | *nf* agonistic line
agotado,-da *adj* depleted, exhausted | pinched or thinned out
agotamiento *nm* depletion | drainage
agotar *vtr* to exhaust, deplete | to thin or pinch out | to drain, dewater
agotarse *vpr* to pinch or thin out
agradación *nf* aggradation
agradar *vtr* to aggrade
agregación *nf* aggregation
agregado,-da *adj* aggregated | *nm* aggregate | admixture | soil | *a. coloidal* admixture | *a. cristalino* crystal law group | *a. escalonado* graded aggregate | *a. graduado* graded aggregate | *a. grueso* coarse aggregate | *a. paralelo* crystal group | *a. tal como sale* run-of-mine aggregate
agrietadura *nf* crack or fissure
agrietamiento *nm* fissuring, fracturing
agrimensor *nm* surveyor | *a. de minas* mine surveyor
agrimensura *nf* surveying
agrio,-ia *adj* acid or sour | brittle (ores) | rough (terrain)
agrisado,-da *adj* greyish, grey
agrupamiento *nm* group | *a. cristalino* crystal law group
agua *nf* water | luster of diamonds and other precious stones | *a. abajo* downstream | *a. acídula* mineral water rich in carbonic acid | *a. arriba* upstream | *a. artesiana* artesian water | *a. available* available moisture | *a. blanda* soft water | *a. calcárea* hard water | *a. capilar* capillary water | *a. carbonatada* carbonated water | *a. congénita* connate water | *a. connata* connate water | *a. cruda* hard water | *a. de achique* drained mine water | *a. de cal* lime water | *a. de cantera* quarry water | *a. de cohesión* cohesive water | *a. de consolidación* water of compaction | *a. de constitución* water of constitution | *a. de cristalización* crystallization water | *a. de descarga* waste water | *a. de expulsión* compaction water | *a. de*

fondo ground water | bottom water (in a well)
 | *a. de formación* connate water | *a. de gravedad*
meteoric water | *a. de grieta* fissure water | *a. de hidratación* water of hydration | *a. de imbibición* absorption water | *a. de infiltración*
percolation water | *a. de lluvia* or *llovediza* rain water | *a. de madre* water from which minerals have precipitated, mother liquor | *a. de manantial* spring water | *a. de mar* seawater | *a. de mina* mine water | *a. de noria* [Méx] well water | *a. de percolación* percolation water | *a. de pie* spring water | *a. de retención* pore water | *a. de saturación* saturation water | *a. de sobresaturación* dilation water | *a. de tratamiento* process water | *a. del suelo* soil water | *a. delgada* soft water | *a. dormida* stagnant water | *a. dulce* soft or fresh water | *a. dura* hard water | *a. estancada* standing or stagnant water | *a. ferruginosa* iron-rich mineral water | *a. fósil* connate water | *a. freática* groundwater, phreatic water | *a. fuerte* nitric acid | *a. gorda* hard water | *a. infiltrada* percolation water | *a. juvenil* juvenile water | *a. limitada* bound water | *a. magmática* magmatic water | *a. marginal* edge water | *a. metamórfica* metamorphic water | *a. meteórica* meteoric water | *a. mineral* mineral water | *a. natural* spring water (lacking minerals) | *a. oxigenada* oxygenated water | *a. pelicular* pellicular water | *a. pluvial* rain water | *a. potable* potable water | *a. regia aqua regia* | *a. rejuvenecida* rejuvenated water | *a. salada* salt or saline water | *a. salobre* brackish or briny water | *a. singenética* connate water | *a. somera* shallow water | *a. subálvea* water in a stream bed | *a. subterránea* (under)ground water | *a. subterránea endicada* perched ground water | *a. subterránea fija* fixed ground water | *a. subterránea fijada* attached ground water | *a. subyacente* bottom or edge water | *a. sucia* unpotable water | *a. surgente* artesian water | *a. surgidor* artesian water | *a. surtidora* artesian water | *a. telúrica* groundwater | *a. termal* thermal water | *a. vadosa* vadose water | *a. vadosiana* vadose water | *a. viva* spring water
aguacero nm waterfall
aguachento,-ta adj watery, full of water, saturated
aguachinar vtr to saturate
aguada nf flood | saturation | inundation of a mine by water | [Ch] spring
aguaducho nm conduit | flood

aguatal *nm* [Arg, Cu] bog, swamp
aguallita nf shallow water
agualluvia nf rain water
aguamarina nf aquamarine
aguilar vtr to water, dilute
aguarse vpr to be flooded or inundated by water
aguas nfpl mineral waters in general | *a. abajo* downstream | *a. altas* high water | *a. aprovechables* water resources | *a. arriba* up stream | *a. artesianas* artesian water | *a. bajas* low water | *a. broncas* [Méx] flood waters | *a. clocales de infiltración* ground water | *aguas de afloramiento* upwelling | *a. de cabecera* [PR] headwaters | *a. estiales* low water | *a. inmundas* waste water | *a. juveniles* juvenile waters | *a. madres* mother solution | *a. meteóricas* meteoric water | *a. mínimas* low water | *a. pluviales* rain water | *a. residuales* waste water | *a. someras* [Arg] surface water | *a. telúricas* [Arg] ground water | *a. termales* thermal waters | *a. vertientes* runoff | *a. vivas* flowing water
aguatal *nm* [Ec] pool, swamp
aguazal nm swamp, bog, marsh
agudo,-da adj acute, sharp
agüilla nf water, fluid
aguja nf pointed peak of a mountain | compass needle | [surv] marking pin, arrow | [Sp] small vein | [Col] small branch vein or stringer | *a. de marear* compass
agujerar vtr to perforate
agujero nm drill hole | fissure | mouth of a well
agujilla nf [Hualgáyoc, Pe] fibrous stromeyerite
aguosidad nf water, fluid
aguoso,-sa adj watery
aguzado,-da adj tapering
ahebrado,-da adj fibrous
ahechar vtr to sift or sieve
aherrumbrarse vpr to be stained by iron oxide | to acquire the color of rust
ahitar vtr [surv] to set monuments
ahocinarse vpr to run through a narrow canyon (rivers) | to cut a gorge
ahogado,-da adj flooded, inundated, drowned | [Méx] embedded
ahogar vtr to submerge, drown
ahogarse vpr to be submerged | *a. el oro* [Col] to lose gold by being carried off by water
ahondadura nf sinking, excavation, digging
ahondamiento nm sinking, excavation, digging
ahondar vtr to sink a shaft | to deepen a well
ahonde nm sinking, excavation, digging |

deepening | shaft dug to establish legal title to a claim | the depth of seven *varas* to which a discovery shaft must be dug to gain legal title to a claim

ahuesado,-da *adj* bone-colored, yellowish | bone-hard

ahumado,-da *adj* smokey

aireado,-da *adj* aerated

aislamiento *nm* isolation

aiza *nf* [Bol] caving

ajaquefa *nf* cave

ajarafe *nm* tableland

ala *nf* limb, side, flank

alabandina *nf* alabandite | hyaline quartz

alabastrado,-da *adj* alabaster, alabastrine

alabastrino,-na *adj* alabaster, alabastrine | *nf* thin sheet of alabaster

alabastrita *nf* translucent gypsum

alabastro *nm* alabaster | *a. yesoso* translucent gypsum

alado,-da *adj* flange-like

aladrero *nm* [Sp] timberman (in a mine)

alagadizo,-za *adj* subject to flooding

alagado *nm* flooded land

alagar *vtr* to flood

alagunar *vtr* [Ch] to flood

alajite *nm* [Méx] altered rhodonite

alambre *nm* copper | bronze | metal wire | *a. carril* [Arg] aerial tramway

alamontita *nf* allamontite

alanita *nf* allanite

alanoca *nf* an advance on wages yet to be received (these were regularly demanded by *minga* labor in Spanish colonial Perú)

alasquita *nf* alaskite

albar *adj* white | white-hot | *nm* dry, white earth

albaro,-ra *adj* white

albarazado,-da *adj* whitish

albariza *nf* lagoon | dry white earth

albarizo,-za *adj* whitish

albayaldado,-da *adj* covered by cerussite

albayalde *nm* cerussite | *a. de plomo* cerussite | *a. rojo* crocoite

albense *adj* Albian

alberca *nf* pool, pond

albero *nm* whitish earth | [Andalusia, Sp] yellow sand used for construction

albertense *adj* Albertian

albertita *nf* asphaltic coal | ash coal | albertite

albiano,-na *adj* Albian

albica *nf* white earth

albiense *adj* Albian | *nm* Albian

albín *nm* bloodstone (a *var* of hematite)

albina *nf* salt pool or marsh | albite (archaic spelling) | apophyllite | *a. de marisma* white deposits (*madre de sal*) left by salt marshes and lakes when they dry up

albino,-na *adj* very white

albitización *nf* albitization

albitizado,-da *adj* albitized

albitófido *nm* albitophyre

albufera *nf* coastal lagoon, tidal lagoon

albuhera *nf* pond

alcalde *nm* justice of the peace | *a. cañari* an Indian in charge of passing along instructions related to the *mita* | *a. de minas* a Spaniard or Creole who was the primary judge of cases involving miners and mining | *a. veedor* official charged with the inspection of working and mining conditions

álcali *nf* alkali

alcali-basalto *nm* alkali basalt

alcalinidad *nf* alkalinity

alcalino,-na *adj* alkaline | *a.-téreo* alkaline earth

alcalinotérreo,-rea *adj* alkaline earth

alcali-riolita *nf* alkali rhyolite

alcali-riolítico,-ca *adj* alkali rhyolitic

alcali-traquita *nf* alkali trachyte

alcance *nm* reach, range | drift | coverage

alcanzar a *vtr* to reach to, extend to | *vintr* to get as far as a certain point

alcapparosa *nf* copperas | *a. amarillo* copiapite | *a. azul* chalcanthite | *a. blanco* goslarite

alcarría *nf* plateau

alcohol *nm* galena | [Bol] antimony | *a. de alferos* cubic crystals of galena | *a. de hoja* [Linares, Sp] galena containing little or no silver

alcor *nm* hill

alcotana *nf* pick, mattox | stone cutter's hammer

alcuba *nf* dome, cupola

alcubilla *nf* basin, pond

álea *nm* risk | randomness | *á funcional* random function | *á numérico* random variable | *á vectorial* random vector

aleación *nf* alloy

aleaje *nm* alloy

alejar *vtr* to alloy

aleatorio,-ria *adj* random

aleatorización *nf* randomization

aledaño,-na <i>adj</i> bordering, adjacent	almendrilla <i>nf</i> fine gravel fine coal [Guadalcázar, Méx] almond sized fragments of silicified limestone [Aguascalientes, Méx]
alejamiento <i>nm</i> [surv] latitude <i>alejamientos y desciaciones</i> latitudes and departures	quartz matrix of copper veins
alejandrita <i>nf</i> alexandrite (<i>a var</i> of chrysoberyl)	
alemontita <i>nf</i> allemontite	
alerio <i>nm</i> horizontal bed or layer	almirez <i>nm</i> mortar <i>a. y mano</i> mortar and pestle
alevante <i>nm</i> [Méx] overhand stope	almoceda <i>nf</i> [Sp] water rights
alfagra <i>nf</i> [Sp] channel gorge	almohadillado,-da <i>adj</i> pillow, pillow-like
alfaguara <i>nf</i> an abundant spring	almojatre <i>nm</i> sal ammoniac
alfaque <i>nm</i> shoal, bar	alocroita <i>nf</i> allochroite
alférez <i>nm</i> an Indian serving as standard bearer in a <i>fiesta de tabla</i> (his contributions to the church and its officials exempted him from the <i>mita</i> for three years)	alocromático,-ca <i>adj</i> allochromatic
alfiler de oro <i>nm</i> [Col] acicular gold	alóctono,-na <i>adj</i> allochthonous
alga <i>nf</i> algea	alófana <i>nf</i> allophane
algáceo,-cea <i>adj</i> algal	alogéneo,-nea <i>adj</i> allogenous
algaida <i>nf</i> sand dune	alógeno,-na <i>adj</i> allogene, allogenetic
algino,-na <i>adj</i> algal	alomado,-da <i>adj</i> undulating
algomano,-na <i>adj</i> Algoman	alometamorfismo <i>nm</i> static or load metamorphism dynamic metamorphism contact metamorphism
algónquino,-na <i>adj</i> Algonkian <i>nm</i> Algonkian	alométrico,-ca <i>adj</i> allometric
alkalitraquita <i>nf</i> alkali trachyte	alomorfita <i>nf</i> allomorphite
alidada <i>nf</i> alidade	aloque <i>adj</i> light red
aligación <i>nf</i> alloy [chem] bond	aloqeita <i>nf</i> allochetite (<i>obs</i>)
alimonados <i>nmpl</i> sulfides and other salts of silver	alotígeno,-na <i>adj</i> allothogenic
alindar <i>vtr</i> to mark boundaries	alotipo <i>nm</i> allotype
alineación <i>nf</i> lineation lineament alignment	alotriomórfico,-ca <i>adj</i> anhedral
alinderar <i>vtr</i> [Arg, Cu] to mark boundaries	alotriomorfo,-fa <i>adj</i> allotriomorphic
aljez <i>nm</i> crude or natural gypsum	alotropía <i>nf</i> allotropy
aljezar <i>nm</i> gypsum quarry gypsum deposit	alotrópico,-ca <i>adj</i> allotropic
aljibe <i>nm</i> well pool [Col] spring	alpestre <i>adj</i> alpine mountainous
aljor <i>nm</i> gypsum	alpino,-na <i>adj</i> alpine
almacén <i>nm</i> warehouse reservoir <i>a. royal</i> Spanish royal storehouse for mercury (the production and distribution of which was a royal monopoly)	alpinotípico,-ca <i>adj</i> alpinotype
almadaneta <i>nf</i> rock hammer	alquifol <i>nm</i> cubical galena graphite
almadén <i>nm</i> mine mineral deposit	alquitrán <i>nm</i> tar <i>a. de hulla</i> coal tar <i>a. mineral</i> bitumen
almádena <i>nf</i> rock hammer	alquitranoso,-sa <i>adj</i> tarry
almagra <i>nf</i> red ocher	alsbaquita <i>nf</i> alsbachite (<i>obs</i> , granodiorite)
almagradura <i>nf</i> red ocher coloring	alta <i>nf</i> hanging wall [New Almadén, Calif] layer of clay in the hanging wall of mercury deposits
almagral <i>nm</i> deposit of red ocher	altearse <i>vpr</i> to uplift, elevate
almagre <i>nm</i> red ocher	alteración <i>nf</i> alteration weathering <i>a. acumulativa</i> accumulative weathering <i>a. atmosférica</i> weathering
almagrero,-ra <i>adj</i> abundant in red ocher red ocher bearing	alterado,-da <i>adj</i> altered
almaína <i>nf</i> rock hammer	altillano <i>nm</i> [Col] plateau
almandina <i>nf</i> almandite, almandine	altillo <i>nm</i> small hill
almandino <i>nm</i> almandite, almandine	altimetría <i>nf</i> topographical survey, running levels, altimetry
almártaga <i>nf</i> litharge	altimétrico,-ca <i>adj</i> altimetric
almendra <i>nf</i> an almond-shaped diamond	altímetro,-ra <i>adj</i> altimetric <i>nm</i> altimeter

altiplanicie *nf* high plateau, tableland
altiplanímétrico,-ca *adj* topographic
altiplano *nm* high plain, altiplano, plateau
altitud *nf* altitude, elevation
alto,-ta *adj* high, elevated
alto *nm* height, hill | elevation | upper part of a vein, deposit or mine | [Méx] hanging wall | elevated terrain | *a. horno* blast furnace
altozano *nm* small hill
altura *nf* height or summit | altitude, elevation | level | *a. de carga* [hyd] head | *a. piezométrica* hydraulic head
alud *nf* avalanche | *a. de cenizas* ash flow | *a. de fondo* groundslide | *a. de hielo* ice avalanche | *a. de roca* rockslide
alumbrar *vtr* to strike, to find, to discover | to emerge (groundwater) | to treat with alum, aluminate
alumbre *nm* alum | *a. de piedra* alunite | *a. de roca* rock alum | *a. potásico* potash alum
alumbreira *nf* alum quarry
alúmbrico,-ca *adj* alum-bearing
alumbroso,-sa *adj* aluminous
alúmina *nf* alumina
aluminífero,-ra *adj* aluminum-bearing
aluminio *nm* aluminum
aluminita *nf* [Ch] an ore of potassium and aluminum sulfates
aluminoso,-sa *adj* aluminous
alutación *nf* nuggets of gold found in the weathered surface outcrop of veins or deposits
aluvial *adj* alluvial
aluvión *nm* flood | alluvium, wash or silt | *a. fluvio-glacial* glacial outwash | *a. metalífero* placer | *a. soplado* [Col] fluvial sediments deposited by strong currents or cataracts
aluvional *adj* alluvial
aluvionamiento *adj* alluviation | silting up | accretion
aluvionario *nm* [Arg] alluvial
álveo *nm* riverbed or channel | source of a river
alveolado,-da *adj* honeycombed
alvéolo *nm* cell
alza *nf* [Bol] washing of gold in a *lavadero*
alzagüera *nf* [Sp] spring, source
alzar *vtr* to hoist, raise, lift
amagamiento *nm* [Col] spring, source
amalgama *nf* amalgam
amalgamar *vtr* to amalgamate
amarillento,-ta *adj* yellowish
amarillez *nf* yellow

amarillo,-lla *adj* yellow | *a. de montaña* yellow ocher | *nm* yellow | [Zacatecas, Méx] gossan | *a. claro* light yellow | *a. oscuro* dark yellow
amarollar las aguas *vtr* [Col] to protect placer workings from inundation by means of dikes (*trinchos*)
amarollar tonga *vtr* [Col] to lessen the head (tonga) of water flowing through a sluice
amatista *nf* amethyst | *a. oriental* a violet-colored variety of corundum
amazonita *nf* amazonite
ámbar *nm* amber | *á negro* jet (*var* of black lignite)
ambarino,-na *adj* amber
ambiental *adj* environmental
ambiente *nm* environment | setting | *a. de sedimentación* area of sedimentation | *a. deposicional* depositional environment
ámbito *nm* perimeter | area
ambligonita *nf* amblygonite
amianta *nf* amianthus, a fine, silky *var* of asbestos
amianto *nm* asbestos
amigdaloid *adj* amygdaloidal | *nm* amygdaloid
amígedula *nf* amugdule
amojonar *vtr* [surv] to set monuments
amoladera *nf* [Bol] sandstone
amoladura *nf* grinding | *a. glaciar* glacial striae
amolinar *vtr* [Col] to collect spalled ore in underground mines for processing | to collect ore in a ground sluice (*canalón*) for washing
amoníaco *nm* ammonia
amonita *nf* ammonite
amonítico,-ca *adj* ammonitic
amontonar *vtr* to pile up, make into heaps
amorfo,-fa *adj* amorphous
amortización *nf* pay out, amortization
amparar *vtr* to obtain title to a property | *a. en la posesión* to keep a property in possession by doing assessment work, etc.
amparo *nm* maintenance of the legal right of ownership by continual use
ampelita *nf* cannel coal | ampelite | *a. gráfica* lithographic stone
amplificación *nf* amplification | magnification
amplificador *nm* amplifier
amplio,-lia *adj* wide, broad
ampolla *nf* blister | pocket (of ore) | a large brachyanticline | *a. de lava* lava blister
ampolloso,-sa *adj* porous, containing cavities

anaeróbico,-ca <i>adj</i> anaerobic	anfibolización <i>nf</i> amphibolization
analcima <i>nf</i> analcime, analcite	anfingena <i>nf</i> leucite
anabergita <i>nf</i> annabergite	anfiteatromorrénico <i>nm</i> glacial lodge
anacarado,-da <i>adj</i> pearly	anfótero,-ra <i>adj</i> amphoteric
análisis <i>nm</i> analysis <i>a.</i> <i>armónico</i> harmonic analysis <i>a.</i> <i>crystalquímico</i> crystal-chemical analysis <i>a.</i> <i>cualitativo</i> qualitative test <i>a.</i> <i>cuantitativo</i> quantitative test <i>a.</i> <i>de cedazo</i> screen or sieve analysis <i>a.</i> <i>de la variancia</i> analysis of variance <i>a.</i> <i>discriminante</i> discriminant analysis <i>a.</i> <i>factorial</i> factor analysis <i>a.</i> <i>ponderal</i> gravimetric analysis <i>a.</i> <i>químico</i> chemical analysis	anfractuosidad <i>nf</i> extent of broken terrain
analista <i>nm</i> and <i>nf</i> analyst	angla <i>nf</i> cape
analítico,-ca <i>adj</i> analytic, analytical	angosto,-ta <i>adj</i> narrow
analizador <i>nm</i> analyst analyzer <i>a.</i> <i>fotométrico</i> photometric analyzer	angostarse <i>vpr</i> to thin, become narrow
analizar <i>vtr</i> to analyze	angostura <i>nf</i> narrowness narrow, pass, gorge narrows of a river
anasismo <i>nm</i> anaseism	Angoumense <i>nm</i> Angoumian
anastomasado,-da <i>adj</i> anastamosing	angra <i>nf</i> cove, small bay
anastomosarse <i>vpr</i> to anastomose	anguena <i>nf</i> [Sp] silver ore
anatasa <i>nf</i> anatase	ángulo <i>nm</i> angle corner <i>á</i> <i>agudo</i> acute angle <i>á</i> <i>axil</i> axial angle <i>á</i> <i>axil aparente</i> apparent axial angle <i>á</i> <i>de cabeceo</i> angle of pitch <i>á</i> <i>de cizalladura</i> angle of shear <i>á</i> <i>de deslizamiento</i> angle of slide <i>á</i> <i>de discordancia</i> angle of unconformity <i>á</i> <i>de estratificación</i> angle of bedding <i>á</i> <i>de extinción</i> angle of extinction <i>á</i> <i>de incidencia</i> angle of incidence <i>á</i> <i>de inclinación</i> angle of dip, pitch <i>á</i> <i>de pendiente</i> angle of slope <i>á</i> <i>de reflexión</i> angle of reflection <i>á</i> <i>de refracción</i> angle of refraction <i>á</i> <i>de reposo</i> angle of repose or rest <i>á</i> <i>de rotación</i> angle of rotation <i>a.</i> <i>de rumbo</i> angle of strike <i>á</i> <i>externo</i> external angle <i>á</i> <i>interno</i> internal angle <i>á</i> <i>obtuso</i> obtuse angle <i>á</i> <i>recto</i> right angle <i>estar en</i> <i>á</i> to be at an angle <i>formar un</i> <i>á con</i> to be at an angle to <i>formar un</i> <i>á de</i> to form an angle of
anataxia <i>nf</i> anataxis	angulosidad <i>nf</i> angularity
anaxil <i>adj</i> anaxial	anguloso,-sa <i>adj</i> angular
anco <i>nm</i> [Bol] impure native silver [Ch, Pe] a silver ore	anhedral <i>adj</i> anhedral
ancón <i>nm</i> bay, cove	anhídrico,-ca <i>adj</i> anhydrous
anconada <i>nf</i> large bay, cove	anhidrita <i>nf</i> anhydrite
ancho,-cha <i>adj</i> broad, wide <i>nm</i> width, breadth	anhidro,-ra <i>adj</i> anhydrous
anchura <i>nf</i> width of a bed or deposit widening of a vein, etc. open terrain	anidado,-da <i>adj</i> nested
anchurón <i>nm</i> chamber, room (in a mine)	aniego <i>nm</i> [Méx] inundation, flooding
anchuroso,-sa <i>adj</i> wide, large	aniegue <i>nm</i> [Méx] inundation, flooding
andadero,-ra <i>adj</i> accessible by foot	anihédrico,-ca <i>adj</i> alotriomorphic
andalucita <i>nf</i> andalusite	anillo <i>nm</i> ring, annulus <i>a.</i> <i>anual</i> annual ring
andana <i>nf</i> lineation of hill, etc.	anisiano,-na <i>adj</i> Anisian
andarivel <i>nm</i> aerial tramway	Anisiense <i>nm</i> Anisian
andén <i>nm</i> [Bol, Pe] terrace (landform)	anisométrico,-ca <i>adj</i> anisometric
andino,-na <i>adj</i> Andean	anisopericlasa <i>nf</i> fault or fracture parallel to a fold
andurrial <i>nm</i> clay pit or deposit	anisotropía <i>nf</i> anisotropy
anegable <i>adj</i> subject to flooding	anisotrópico,-ca <i>adj</i> anisotropic
anegar <i>vtr</i> to flood, submerge, inundate	anisótropo,-pa <i>adj</i> anisotropic
anegarse <i>vpr</i> to be flooded, submerged, inundated	ánodo <i>nm</i> anode
anfibio <i>nm</i> amphibian	anomalía <i>nf</i> anomaly <i>a.</i> <i>al aire libre</i> free air
anfibol <i>nm</i> amphibole	
anfibolesquito <i>nm</i> hornblende schist	
anfibólrico,-ca <i>adj</i> amphibolic	
anfibolífero,-ra <i>adj</i> amphibole-bearing	
anfibolita <i>nf</i> amphibolite	

anomaly <i>a. gravimétrica</i> gravity anomaly <i>a. magnética</i> magnetic anomaly	antofilita <i>nf</i> anthophyllite
anómalo,-la <i>adj</i> anomalous	antracita <i>nf</i> anthracite
anormalidad <i>nf</i> abnormality	antracítico,-ca <i>adj</i> anthracitic
anorganógeno,-na <i>adj</i> inorganic	antracito,-ta <i>adj</i> black
anorogénico,-ca <i>adj</i> anorogenic	antracitoso,-sa <i>adj</i> anthracite-bearing
anótico,-ca <i>adj</i> asymmetric	antro <i>nm</i> cave, cavern
anortita <i>nf</i> anorthite	anular <i>adj</i> annular
anortoclasa <i>nf</i> anorthoclase	añil <i>nm</i> indigo blue
anortosita <i>nf</i> anorthosite	añilado,-da <i>adj</i> indigo blue
anquería <i>nf</i> [Pe] silver ore that mimics cubic galena	aovado,-da <i>adj</i> oval, egg-shaped
anta <i>nf</i> [Pe] copper <i>a. chacra</i> copper mine	apacheta <i>nf</i> [Pe] summit or mountain
antártico,-ca <i>adj</i> antarctic	apogado,-da <i>adj</i> extinct, quenched, extinguished
antearrecife <i>nm</i> forereef	apacheta <i>nf</i> [Pe] summit, pass
antecambriano,-na <i>adj</i> Precambrian <i>nm</i> Precambrian	apagar <i>vtr</i> to quench, extinguish <i>a. un horno</i> to blow out a furnace
antecedente <i>adj</i> antecedent <i>nmpl</i> preliminary data	apalache <i>adj</i> Appalachian <i>nm</i> Appalachian
anteclisa <i>nf</i> anteclise	apalancar <i>vtr</i> to lever to get ore from a hopper
antecubeta <i>nf</i> foredeep	apantanar <i>vtr</i> to flood, inundate
antefosa <i>nf</i> foreland basin, foredeep	aparato <i>nm</i> apparatus system <i>a. volcánico</i> volcanic system
antepaís <i>nm</i> foreland	aparecer <i>vintr</i> to appear in the literal sense as in 'the ship appeared on the horizon' thus <i>las andesitas aparecen intruidas por un filón</i> does not imply any doubt about the intrusive relationship to appear on a list
antepecho <i>nm</i> bench (in a mine)	aparejado,-da <i>adj</i> paired
antepozo <i>nm</i> foreshaft	aparejamiento <i>nm</i> pairing
anticlase <i>nf</i> anticlase	aparejo <i>nm</i> apparatus, rig <i>a. de perforación</i> drilling rig
anticlinal <i>adj</i> anticlinal <i>nm</i> anticline <i>a. acostado</i> recumbant anticline <i>a. asimétrico</i> asymmetric anticline <i>a. calvo</i> bald-headed anticline <i>a. de sill</i> air saddle <i>a. desmantelado</i> breached anticline <i>a. recostado</i> recumbant anticline <i>a. recumbente</i> recumbant anticline <i>a. simétrico</i> symmetric anticline <i>a. tumbado</i> overturned anticline <i>a. volcado</i> inverted or overturned anticline	aparinar <i>vtr</i> to show indications of ore
anticlinorio <i>nm</i> anticlinorium	apartado <i>nm</i> sorting or cobbing of ore smelting refining or parting of gold smelter <i>a. a. mano</i> hand sorting <i>casa del a.</i> parting or assay establishment
antiduna <i>nf</i> antidune	apartador <i>nm</i> ore picker smelter
antiforma <i>nf</i> antiform	apartamiento <i>nm</i> extraction of minerals
antiguo,-gua <i>adj</i> ancient primordial olden, dating back to Spanish colonial times or earlier <i>nm</i> mine worked in Spanish colonial times	apartar <i>vtr</i> to sort or cob ore to part or refine during assaying to extract minerals
antimoniado,-da <i>adj</i> antimony-bearing	aparte <i>adv</i> separately, separated
antimónico,-ca <i>adj</i> antimony, antimonic	apatito <i>nm</i> apatite <i>a. fluor</i> fluorapatite
antimonio <i>nm</i> antimony antimony ore <i>a. arsenical</i> allemontite <i>a. blanco</i> valentinite <i>a. gris</i> stibnite <i>a. rojo</i> kermesite	apeador <i>nm</i> land surveyor
antimonioso,-sa <i>adj</i> antimonial	apeadura <i>nf</i> surveying
antióndula <i>nf</i> antiripple	appear <i>vtr</i> to survey to shore, timber, brace
antiperrita <i>nf</i> antiperthite	apeo <i>nm</i> survey timbering, shoring
antirizadura <i>nf</i> antiripple	aperatura <i>nf</i> aperture act of opening (a mine)
antitético,-ca <i>adj</i> antithetic	ápice <i>nm</i> apex
	apilamiento <i>nm</i> arrangement of atoms in a crystal lattice
	apique <i>nm</i> [Col] shaft or winze
	apireo <i>nm</i> [Ch] removal of ore in hand-carried baskets

apirí <i>nm</i> ore carrier (usually a <i>mitayo</i>)	aquitaniaco,-na <i>adj</i> Aquitanian
apizarrado,-da <i>adj</i> slate-colored slaty, with slaty cleavage containing slate	aquitaniense <i>adj</i> Aquitanian
apizaramiento <i>nm</i> slaty cleavage	aragonito <i>nm</i> aragonite
aplanado,-da <i>adj</i> complanate leveled	arancel <i>nm</i> tariff legal exaction made by a priest to support himself and his church
aplanamiento <i>nm</i> levelling	arbólita <i>nf</i> harbolite
aplanar <i>vtr</i> to level	arborescencia <i>nf</i> arborescence
aplantillar <i>vtr</i> to dress stone according to a pattern	arborescente <i>adj</i> arborescent
aplastamiento <i>nm</i> collapsing, crushing flattening <i>a. de trozos de pómex</i> flattening of pumice fragments	Arcaica <i>nf</i> Archean
aplantar <i>vtr</i> to flatten to crush	arcilla <i>nf</i> clay any clay mineral <i>a. alfareña</i> potter's clay <i>a. aluminosa</i> steatite, talc <i>a.</i> <i>apizarada</i> slate <i>a. arenosa</i> sandy clay <i>a.</i> <i>aurífera</i> gold-bearing clay <i>a. de batán</i> fuller's earth <i>a. caolínica</i> feldspathic shale <i>a. cocida</i> baked clay <i>a. endurecida</i> claystone, clay gall <i>a. figulina</i> potter's clay <i>a. de filtro</i> filter clay <i>a. de pedernal</i> flint clay <i>a. enduricida</i> [Vz] claystone <i>a. esquistosa</i> shale <i>a. ferruginosa</i> clay ironstone <i>a. glaciar</i> glacial material <i>a.</i> <i>gredosa</i> gouge <i>a. inflamable</i> bituminous clay <i>a. laminar</i> [Vz] shale <i>a. pedregosa</i> till, boulder clay <i>a. pizarrosa</i> shale, slate <i>a. plástica</i> gumbo <i>a. refractoria</i> refractory clay <i>a. roja</i> red clay <i>a. violácea</i> lithomarge
aplomarse <i>vpr</i> to collapse	arcillar <i>nm</i> clay deposit
apofilita <i>nf</i> apophyllite	arcillita <i>nf</i> claystone
apófisis <i>nm</i> apophyses	arcilloso,-sa <i>adj</i> clayey, argillaceous, argillic
apolvillado <i>nm</i> [Guanajuato, Méx] a second class of rich ore from the <i>veta madre</i> yielding about 750 ounces silver to the ton	arco <i>nm</i> arc arch <i>a. de islas</i> island arc <i>a.</i> <i>insular</i> island arc
apomagmático,-ca <i>adj</i> apomagmatic	arcosa <i>nf</i> arkose
aporcelenado,-da <i>adj</i> porcellaneous	arcósico,-ca <i>adj</i> arkosic
aportación <i>nf</i> inflow, runoff	arcosita <i>nf</i> arkosite
aporte <i>nm</i> runoff, inflow	área <i>nf</i> area are (100 square meters) <i>á.</i> <i>alimentadora</i> watershed <i>á. aseismica</i> aseismic region <i>á. comprobada</i> proven territory <i>á. de</i> <i>drenaje</i> drainage area <i>á. de escorrimiento</i> [Col] watershed <i>á. de exploración</i> exploration area <i>á. no probada</i> unproven area <i>á. vertiente</i> watershed
apreciación <i>nf</i> appraisal, valuation, estimation, estimate	areg or arej <i>nm</i> erg, sand desert
apreciar <i>vtr</i> to appraise, value to make out to see	arena <i>nf</i> sand, grit gold placer <i>a. asfáltica</i> tar sand <i>a. aurífera</i> gold-bearing sand <i>a. bruja</i> fine sand <i>a. compacta</i> close sand <i>a. cuarzosa</i> quartz sand <i>a. de cantera</i> pit sand <i>a. de</i> <i>carboncillo</i> sun-burnt sand <i>a. de cava</i> sand pit <i>a. de conchas</i> shell sand <i>a. de cuarzo</i> quartz sand <i>a. de duna</i> dune sand <i>a. de escape</i> thief sand <i>a. de fosa</i> sand pit <i>a. de guija</i> sand pit <i>a. de hoyo</i> sand pit <i>a. de mar</i> beach sand <i>a. de</i> <i>mina</i> pit sand <i>a. de oro</i> gold dust <i>a. de playa</i> beach sand <i>a. de sílice</i> silica sand <i>a. eólica</i>
aptiano,-na <i>adj</i> Aptian <i>nm</i> Aptian	
aptense <i>adj</i> Aptian <i>nm</i> Aptian	
aptiense <i>adj</i> Aptian <i>nm</i> Aptian	
apuntamiento <i>nm</i> small outcrop	
querita <i>nf</i> akerite (<i>obs</i> , syenite)	
apurar <i>vtr</i> to purify metal to concentrate ore	
aqüilatación <i>nf</i> assay alloy	
aqüilatamiento <i>nm</i> assay	
aqüilatar <i>vtr</i> to assay precious metals to weigh precious stones to alloy	

aeolian sand <i>a. esqueleal</i> skeletal sand <i>a. fluvial</i> river sand <i>a. fluvialglaciar</i> fluvialglacial sand <i>a. franca</i> loamy sand <i>a. galuconita</i> greensand, glauconitic sand <i>a. gasífera</i> gas sand <i>a. gorda</i> coarse sand <i>a. granítica</i> granite wash <i>a. gruesa</i> coarse sand <i>a. lacustre</i> lacustrine sand <i>a. marina</i> marine sand <i>a. molvediza</i> quicksand <i>a. muerta</i> sand not mixed with earth <i>a. orienta</i> [Arg] sand from Uruguay <i>a. oscura</i> black sand <i>a. petrolífera</i> oil sand <i>a. pomosa</i> sand formed from pumice fragments <i>a. productiva</i> pay sand <i>a. profunda</i> deep (oil-bearing) sand <i>a. recia</i> coarse sand <i>a. verde</i> green sand	argirita <i>nf</i> argentite [Bol] marcasite argirosa <i>nm</i> pyrargirite argentite argón <i>nm</i> argon argoviano,-na <i>adj</i> Argovian <i>nm</i> Argovian argoviense <i>adj</i> Argovian <i>nm</i> Argovian aridez <i>nf</i> aridity árido,-da <i>adj</i> arid, dry <i>nmpl</i> aggregate <i>á. finos</i> fine aggregate <i>á. graduados</i> graded aggregate <i>á. gruesos</i> coarse aggregate arisco,-ca <i>adj</i> rough, uneven (terrain) arista <i>nf</i> arête intersection of crystal faces at a right angle <i>a. polar</i> an <i>arista</i> that cuts an axis of symmetry <i>a. hidrográfica</i> [Vz] watershed divide arkosa <i>nf</i> arkose armadura <i>nf</i> framework [Méx] country or host rock armar <i>vtr</i> to put together, assemble <i>v intr</i> to be hosted by, occur in armoniaco <i>nm</i> sal ammoniac armónico,-ca <i>adj</i> harmonic aromático,-ca <i>adj</i> aromatic aromatización <i>nf</i> aromatizacion arqueada <i>nf</i> part of a vein that branches off and then reunites with the vein in the form of an arch arqueado,-da <i>adj</i> arcuate arquamiento <i>nm</i> arching arqueano,-na <i>adj</i> Archean <i>nm</i> Archean arqueociátilo <i>nm</i> archaeocyathid arqueozoico,-ca <i>adj</i> Archeozoic <i>nm</i> Archeozoic arquería <i>nf</i> [Ch] silver amalgam arrambarse <i>vpr</i> to be covered by sand (after a flood) arrancar <i>vtr</i> to break ground, dig to mine to begin extraction or processing <i>a. el carbón</i> to break down coal arranque <i>nm</i> breaking ground, digging mining, extraction processing drill pattern for blasting arrasarse <i>vpr</i> to be filled with liquids arrastrado,-da <i>adj</i> dragged along, transported arrastrar <i>vtr</i> to drag along the ground to haul, convey to unite as veins into one to scour, wash out arrastre <i>nm</i> creep, drag drag-mill used to crush ore (generally misspelled in English as <i>arrastra</i>) haulage or conveyance slope or inclination of a shaft, etc. footwall <i>a. de mano</i> hand operated drag-mill used for
arenáceo,cea <i>adj</i> sandy, arenaceous arenal <i>nm</i> large expanse of sand sandy place or ground sand deposit, pit, bar [Méx] sand dune	
Arenigense <i>nm</i> Arenigian arenigiano,-na <i>adj</i> Arenigian <i>nm</i> Arenigian arenilla <i>nf</i> fine sand [Méx] tailings [Vz] black, magnetite-bearing sand [Col] titaniferous iron ore [Hidalgo, Méx] smalls from ore sorting [Ch] copper matte mixed with slag	
arenisca <i>nf</i> sandstone <i>a. amasada</i> kneaded sandstone <i>a. arcosa</i> arkosic sandstone <i>a. arcóstica</i> arkosic sandstone <i>a. caliza</i> calcareous sandstone <i>a. glauconítica</i> glauconitic sandstone <i>a. gruesa</i> grit <i>a. malaxada</i> kneaded sandstone <i>a. margosa</i> marly sandstone <i>a. profunda</i> exploitable farewell sand <i>a. silícea</i> silicic sandstone <i>a. verde</i> green sand <i>a. volcánica</i> ashy grit	
arenisco,-ca <i>adj</i> sandy areniscoso,-sa <i>adj</i> arenilitic arenoso,-sa <i>adj</i> sandy, arenaceous, arenose <i>nf</i> freestone, sandstone which cleaves easily	
áreola <i>nf</i> areole argarita <i>nf</i> marcasite argayo <i>nm</i> talus	
argentado,-da <i>adj</i> silver, silvery argénteo,-tea <i>adj</i> silver, silvery argentífero,-ra <i>adj</i> silver-bearing, argentiferous argentino,-na <i>adj</i> silvery, argentine	
argentoso,-sa .. silver-bearing, argentiferous	
argila <i>nf</i> clay argilita <i>nf</i> argilite argilolita <i>nf</i> claystone argiloso,-sa <i>adj</i> clayey, argillaceous	
argilla <i>nf</i> clay	

- sampling | *a. de marca* large drag-mill | *a. de mula* drag-mill powered by mules | *a. ecuatorial* equatorial drift
- arrastres** *nmpl* silt, suspended matter
- arrete** *nm* a pound of sixteen ounces
- arreador** *nm* a person, usually *creole* or *mestizo*, used to quicken the pace of work in a mine or mill which largely employed Indians, most of whom were *mitayos*
- arrecife** *nm* ridge of rock | reef | *a. algino* algal reef | *a. anular* annular reef | *a. coralino* coral reef | *a. corolígeno* atoll reef | *a. costero* fringing or shore reef | *a. de algas* algal reef | *a. de barra* or *barrera* barrier reef | *a. franeante* fringing reef | *a. litoral* fringing reef | *a. marginal* fringing reef | *a. orgánico* organic reef
- arremolinamiento** *nm* agglomeration
- arremolinarse** *vpr* to agglomerate
- arrendador** *nm* lessor
- arrendamiento** *nm* lease
- arrendar** *vtr* to lease
- arrendatario** *nm* lessee, leaseholder
- ariada** *nf* flood
- arriarse** *vpr* to flood
- arribera** *nf* fluvial valley
- arriñonado,-da** *adj* boytriodal, nodular
- arriscado,-da** *adj* craggy
- arroba** *nf* a weight of 25 spanish pounds (mules could carry a maximum of 14 *arrobas*) | *a. granadina* [Col] a weight equivalent to 125 kilograms | *a. inglesa* quarter | *a. marina* a weight of 31 or 32 Spanish pounds
- arroyado,-da** *adj* gullied | *nf* course of an arroyo
- arroyar** *vtr* to gully, form gullies
- arroyo** *nm* brook, stream, creek | any ephemeral water course | dry wash (less precipitous than a *barranca*) | *a. desecado* nullah | *a. subglaciar* glacial stream
- arroyuelo** *nm* brooklet
- arruga** *nf* small fold
- arrugación** *nf* folding of strata
- arrugado,-da** *adj* wrinkled, corrugated, fluted
- arrugamiento** *nm* folding of strata | small fold
- arrugar** *vtr* to fold
- arrugia** *nf* gold mine | working of auriferous gravels
- arrumbamiento** *nm* strike of a bed, vein, etc. | bearing
- arrumar** *vtr* to outcrop
- arsenato** *nm* arsenate
- arsénico** *nm* arsenic | *a. piritoso* arsenopyrite | *a. rojo* realgar
- arsenioso,-sa** *adj* arsenious
- arseniuro** *nm* arsenide
- arsenoblenda** *nf* arsenic blende | *a. amarilla* orpiment
- arsenopirita** *nf* arsenopyrite
- artesa** *nf* gold pan | [Col] river basin | *a. de criba* screen pan | *a. oscilante* cradle (for washing placers)
- artesiano,-na** *adj* artesian
- artesón** *nm* wash trough (placer mining)
- ártico,-ca** *adj* arctic
- asbestino,-na** *adj* asbestos, made of asbestos
- asbesto** *nm* asbestos | *a. actinolito* actinolite | *a. lignoso* ligniform asbestos
- asbolana** *nf* asbolite, cobalt ocher
- ascender** *a vintr* to come to, amount to, reach
- ascenso** *nm* ascent, uplift, raise
- ascharita** *nf* szaibelyite
- asentamiento** *nm* settling
- asentar** *vtr* to rest upon
- asentarse** *vpr* to settle
- asentista** *nm* contractor, tutworker | *a. de azogue* contractor charged with transport of mercury from *almacenes reales* to silver mining centers such as *Cerro Rico de Potosí* where the *patio* process of amalgamation was used for silver extraction
- aserrado,-da** *adj* serrated
- asfalteno,-na** *adj* asphaltene | *nm* asphaltene
- asfáltico,-ca** *adj* asphaltic
- asfaltífero,-ra** *adj* asphalt-bearing
- asfalto** *nm* asphalt | *a. de escorias* clinker asphalt | *a. mexicano* chapapate | *a. verde* green tar
- ashgilliano,-na** *adj* Ashgillian | *nm* Ashgillian
- Ashgilliense** *nm* Ashgillian
- asídero** *nm* asiderite
- asiento** *nm* settling | sediment that settles in vats, etc. | *a. de minas* or *a. mineral* mineralized region
- asignar** *a vtr* to assign to a formal stratigraphic unit | to allot or allocate
- asimetría** *nf* asymmetry
- asimétrico,-ca** *adj* asymmetric
- asimilación** *nf* assimilation | *a. magmática* assimilation
- asíntota** *nm* asymptote
- asintótico,-ca** *adj* asymptotic
- asísmico,-ca** *adj* aseismic
- asociación** *nf* assemblage | *a. de fósiles* fossil

assemblage	atmosférico,-ca <i>adj</i> atmospheric
asociar a <i>vtr</i> to associate or associate with to bracket a category, etc.	atol <i>nm</i> atoll
asombrarse <i>vpr</i> to become flatter to become more bed or <i>manto</i> like (veins)	atolón <i>nm</i> atoll
asomo <i>nm</i> outcrop edge of a precipice inlier	atolladero <i>nm</i> swamp
aspas <i>nf</i> cross in the form of an X [Pe] the intersection of two veins	atómico,-ca <i>adj</i> atomic
aspar <i>vtr</i> to cross in the form of an X	átomo <i>nm</i> atom
aspecto <i>nm</i> aspect <i>a. vítreo</i> glassy appearance	atracción <i>nf</i> attraction
aspereza <i>nf</i> roughness, unevenness (of terrain)	atravesado,-da <i>adj</i> crossed or cut by another vein, fault, etc.
áspido,-ra <i>adj</i> uneven, rough (terrain) harsh	atravesar <i>vtr</i> to lay across, span to go or pass through, penetrate to pierce, run through to cross, go across <i>a. a un filón</i> to cut accross a vein or lode
asperón <i>nm</i> sandstone <i>a. carbonífero</i> carboniferous sandstone	atravesarse <i>vpr</i> to lie across, span
aspillera <i>nf</i> dissolution surface on carbonate rocks	atravieso <i>nm</i> [Ch] gap, pass
asquístico,-ca <i>adj</i> aschistic	aturiano,-na <i>adj</i> Aturian <i>nm</i> Aturian
asquisto,-ta <i>adj</i> aschistic	aturiense <i>adj</i> Aturian <i>nm</i> Aturian
asta de venado <i>nf</i> [Pe] anglesite	aturquesado,-da <i>adj</i> turquoise
astenolito <i>nm</i> asthenolith	atutía <i>nf</i> tutty (metal oxides encrusted on furnaces and chimneys)
astenosfera <i>nf</i> asthenosphere	auerbaquita <i>nf</i> auerbachite
astería <i>nf</i> asteria or asteriated sapphire cat's eye (a <i>var</i> of chalcedony)	augengneis <i>nm</i> augengneiss
asterismo <i>nm</i> asterism	aulacógeno <i>nm</i> aulacogen
Astiano,-na <i>adj</i> Astian	aumento <i>nm</i> magnification <i>a. de una playa</i> advance of a beach
astiente <i>nm</i> Astian	auramalgama <i>nf</i> gold amalgam
astilla <i>nf</i> chip, splinter, spall [Pataz, Pe] particles of gold found in mud accumulated in street gutters after a heavy rain <i>a. de cantera</i> quarry spall	áureo,-rea <i>adj</i> gold, golden, aureate
astillar <i>vtr</i> to splinter	aureola <i>nf</i> aureole <i>a. albitica</i> albitic rim <i>a. de contacto</i> contact aureole
astillarse <i>vpr</i> to spall to splinter	auricalcita <i>nf</i> aurichalcite
astilloso,-sa <i>adj</i> hackly, splintery easily chipped	áurico,-ca <i>adj</i> auric, gold
astrago <i>nm</i> soil horizon	aurífero,-ra <i>adj</i> gold-bearing, auriferous
astrakanita <i>nf</i> astrakhanite	autigénesis <i>nf</i> authigenesis
astrofilita <i>nf</i> astrophyllite	autigénico,-ca <i>adj</i> authigenic
atabacado,-da <i>adj</i> tobacco-colored	autógeno,-na <i>adj</i> authigenic
atacar con ácido <i>vtr</i> to etch with acid	autoclástico,-ca <i>nf</i> autoclastic
ataque <i>nm</i> [Pe] breaking ground <i>a. químico</i> etching <i>nmpl</i> deads, waste	autocorrelación <i>nf</i> autocorrelation
ataquer <i>nm</i> [Pe] breaking ground <i>a. químico</i> etching <i>nmpl</i> deads, waste	autóctono,-na <i>adj</i> autochthonous <i>nm</i> autochthon
atascadero <i>nm</i> swamp	autóctonon <i>nm</i> autochthone
atectónico,-ca <i>adj</i> atectonic	autoformación de brechas <i>nf</i> autobrecciation
atenuación <i>nf</i> attenuation	autointrusión <i>nf</i> auto-injection, autointrusion
aterramiento <i>nm</i> alluvium action of silting up	autolito <i>nm</i> autolith
aterrar <i>vtr</i> to silt up	autometamorfismo <i>nm</i> autometamorphism
atico,-ca <i>adj</i> Attic	automorfo <i>nm</i> idiomorphic
atierra <i>nm</i> silting up <i>nmpl</i> deads, waste	autóporo <i>nm</i> autopore
atínchar <i>nm</i> refined borax	autopotential <i>nm</i> selfpotential
atípico,-ca <i>adj</i> atypical	autuniano,-na <i>adj</i> Autunian
atmósfera <i>nf</i> atmosphere	Autuniense <i>nm</i> Autunian

offered by a bank enabling a miner to borrow against the subsequent week's production | *a. ordinario* a regular credit extended by a bank at the beginning of the year to miners in a *gremio de azogueros* in proportion to the number of stamps their mills employed

avalancha *nf* avalanche | [Arg] flood

avaluar *vtr* to appraise, value, estimate

avance *nm* advance | *a. de una playa* advance of a beach | *a. del glaciar* glacial advance | *a. del mar* transgression | *a. en dirección* advance on strike

avenamiento *nm* drainage, draining | *a. autógeno* autogenic drainage | *a. centrípetro* internal drainage | *a. desordenado* aimless drainage

avenar *vtr* to drain

avenc *nm* [Catalonia, Sp] sinkhole

avenida *nf* flood

aventadero *nm* [Pe] gold placer | [Arg] shallow, Quaternary placer | [Col] placer above the banks of a river

aventurino,-na *adj* aventurine | *nf* aventurine

averno *nm* gas pocket (in a coal mine)

avetado,-da *adj* veined, seamed

aviador *nm* person who finances a mine, contracting for the work | person who advances funds or goods against future production from a mine

aviadore,-ra *adj* subject to assessment

aviar *vtr* to finance a mine | to grubstake, lend money and equipment for working a mine

avío *nm* preparation, provision | implement or material used in a mine | hereditary lease | funds or goods advanced for working a mine, grubstake

aviso sísmico *nm* foreshock

avolcanado,-da *adj* volcanic

axil *adj* axial

axilar *adj* axillary

ayllu *nm* social group of Andean Indians united through kinship | a drove of twenty *llamas* or *burros* in the charge of *cumuris* and used to transport ore

azabachado,-da *adj* jet-black

azabache *nm* jet (a *var* of lignite)

azada *nf* a tool used to dress stone

azanca *nf* spring

azar *nm* chance | *al a.* at random

azarcón *nm* crocoite, red lead | *a. nativo* minium

azarnefe *nm* orpiment

azimut *nm* azimuth

azoado,-da *adj* nitrogenous

azoar *vtr* to nitrogenate

azoato,-ta *adj* nitrate | *nm* nitrate

ázoe *nm* nitrogen

azogado *nm* mercury poisoning

azogamiento *nm* mercury poisoning

azogarse *vpr* to become poisoned by mercury

azogue *nm* mercury | ore amenable to amalgamation with mercury | [Pachuca, Méx] second class ores | [Sinaloa, Méx] ore of silver sulfides, embolite, and copper silicate in a quartz matrix | [Batopilas, Méx] ore containing visible silver | *a. apolvillado* ore very amenable to amalgamation | *a. común* ore generally amenable to amalgamation | *a. ordinario* ore generally amenable to amalgamation | *a. razonable* ore marginally amenable to amalgamation

azoguería *nf* amalgamation works

azoguero *nm* [Potosí, Bol] an owner or renter/operator of mines and mills

azoguería *nf* amalgamating works | the amalgamation process

azoico,-ca *adj* azoic | *nm* azoic | nitric

azótico,-ca *adj* nitric

azolverse *vpr* to silt up

azolve *nm* silt

azolvos *nmpl* silt

azúcar *nf* [Col] granular soft white calcite matrix to native gold ore

azufrado,-da *adj* sulfurated | sulfur colored | *nm* sulfuring | [col] yellow ocher found in veins | [Hualgáyoc, Pe] yellow ore derived from decomposition of galena | [Ch] nitrate of soda (*caliche*) of a canary or lemon yellow color | [Pe] sulfide ore

azufral *nm* sulfatera

azuframiento *nm* sulfuring

azufrar *vtr* to sulfurate, impregnate with sulfur

azufre *nm* sulfur | *a. nativo* native sulfur | *a. vivo* brimstone, molten sulfur, native sulfur

azufrera *nf* sulfur mine

azufrón *nm* pyritic mineral in a pulverulent condition | [Méx] sulfide ore

azufroso,-sa *adj* sulfurous

azul *adj* blue | *nm* blue, blueness | [Cartagena, Sp] greenish-blue slate bearing disseminated galena and iron silicate | [Méx] silver-bearing sulfide ores | *a. acerado* [Zacatecas, Méx] stephanite | *a. celeste* sky blue | *a. claro* light

blue | *a. de cobalto* cobalt blue | *a. de montaña*
azurite | *a. de ultramar* ultramarine blue | *a.*
marino navy blue | *a. oscuro* dark blue | *a.*
plomilloso [Zacatecas, Méx] argentite | *a. turquí*
indigo blue | *a. verdoso* petrol blue
azulado,-da *adj* bluish, blue
azulaque *nm* bitumen | [Zacualpan, Méx]
argentite | [Fresnillo, Méx] disseminated
pyrite, argentite, silver chloride and native
silver ores distal to veins | *a. y cardenilla*
[Guerrero, Méx] silver-rich copper ores of blue

and green colors
azulenco,-ca *adj* bluish
azulillo *nm* silver-bearing carbonate ore
azulino,-na *adj* bluish
azuloso,-sa *adj* bluish
azumbre *nf* a liquid measure of capacity
equivalent to about two liters
azurita *nf* azurite
azurronado *nm* [Tlalpujahua, Méx] silver-
bearing cubic pyrite

B

- bacilar** *adj* fibrous | bacillary
- bacteria** *nf* bacteria | *b. tigmotáctica* thigmotactic bacteria
- bacular** *adj* rod-shaped
- báculo** *nm* staff | [Méx] transit rod, range pole | *b. de Jacob* Jacob's staff
- badana** *nf* bag made from cured sheepskin used to transport mercury
- badén** *nm* gully
- bagazo** *nm* drilling mud
- bahía** *nf* bay
- baja** *nf* fall, drop | *b. ley* low grade
- bajada** *nf* descent | bahada (merging of several alluvial fans) | slope | drop | ebb | downgrade | ladderway
- bajamar** *nm* low tide | ebb
- bajante** *nm* low water, low tide
- bajar** *vintr* to descend, sink | to lower | to drop or fall in price | to ebb | *vtr* to reduce in price | to lessen
- bajial** *nm* low ground subject to flooding
- bajío** *nm* bank, shoal | sandbar | lowland
- bajo,-ja** *adj* low | *bajo de ley* of low grade
- bajo** *nm* footwall | shoal or sandbank
- bajociano,-na** *adj* Bajocian
- bajocense** *adj* Bajocian
- bajociense** *adj* Bajocian
- balaje** *nm* balas ruby (a rose-red *var* of spinel)
- balanza** *nf* balance | blind shaft | *b. de Jolly* Jolly balance | *b. de torsión* torsion balance
- balate** *nm* boundary marker, survey marker | border of a trench | terrace
- balde** *nm* bucket | *b. de arrastre* dragline bucket | *b. de extracción* mine bucket | *b. de pozo* shaft bucket
- balicero** *nm* [Méx] rodman
- balsamo** *nm* balsam | *b. de Canada* Canadian balsam
- banca** *nf* bench
- bancada** *nf* stope | bench
- bancal** *nm* berm, bench, terrace
- banco** *nm* thick bed or stratum | bank or bar of a river, etc. | bench (in a quarry or mine) | [Méx] horse (barren rock within or that deflects a vein) | *b. barrera* barrier beach | *b. de arena* sandbank, sand bar | *b. de avíos* bank which advances funds for the working of mines | *b. de coral* coral reef | *b. de cota fija* bench mark | *b. de grava* gravel bank | *b. de hielo* ice floe | *b. de nivel* bench mark | *b. de piedra* thick bed of stone | *b. de rescates* bank where silver bullion could be exchanged by miners for coin | *b. de río* river bank | *B. Minero* bank, usually state owned, set up to provide credit to small and medium-size mining enterprises | *b. platero* [Sinaloa, Méx] argentiferous pyrite
- bandaleta** *nf* | *en b.* loop
- bandeado,-da** *adj* banded | *b. groseramente* crudly banded
- bandeamiento** *nm* banding
- banquear** *vtr* to level, bench | [Col, Vz] to excavate
- banqueo** *nm* leveling, benching | bench | [Col, Vz] excavation | *b. de préstamo* [Vz] borrow pit
- banqueta** *nf* small bed or bench
- banquisa** *nf* pack-ice
- bañado** *nm* swamp, marsh
- bara** *nf* bar (unit of pressure)
- barcana** *nf* barchan dune
- barequear** *vtr* [Col] to extract as much of the paydirt in a placer as possible without disturbing the overburden
- baratina** *nf* barite
- barchan** *nm* barchan dune
- bario** *nm* barium
- barisfera** *nf* barysphere
- baritina** *nf* barite
- barján** *nm* barchan dune
- barlovento,-ta** *adj* windward
- barniz** *nf* varnish | *b. del desierto* desert varnish
- barquina** *nf* a type of large furnace
- barra** *nf* bar, ingot | sandbank, bar | *b. aviada* limited liability share | *b. aviadora* share paying assessments | *b. de arena* sand bar | *b. de caliza granular* oolitic grainstone bar | *b. de mina* hand drill | *b. de plata* [Méx] silver ingot of 75 pounds | *b. de río* shoal, bar | *b. prelitoral* longshore bar | *b. viuda* limited liability share
- barranca** *nf* steep, jagged canyon, wash | cliff, bluff | gorge, ravine | slope (hill or mountain) | downgrade | [Arg] riverbank | *b. abajo* downhill | *b. de falla* fault scarp | *b. de falla con erosión* faultline scarp
- barranco** *nm* gorge | fissure | precipice, cliff | landslide scar | [Vz] small round pits, about four feet in diameter, dug to work shallow ores
- barrancón** *nm* gorge, canyon
- barrancoso,-sa** *adj* broken, rough (terrain)
- barranquero** *nm* placer miner

- barranquilla** *nf* [Méx] gully
barreal *nm* clay pit
barremiano,-na *adj* Barremian
barremense *adj* Barremian
barremiense *adj* Barremian
barrena *nf* drill bit | crow bar | *b. asimétrica* side hill bit | *b. batidora* churn drill | *b. de arrastre* drag bit | *b. de cable* cable drill | *b. de canteador* stone cutter's drill | *b. de catego* earth borer | *b. de cesto* basket bit | *b. de chorro* jet bit | *b. de muelas* reamer bit | *b. de perforación* desviada directional bit | *b. regulable* expansion bit | *b. tubular* core drill | *b. sacanúcleos* core drill | *b. sacatestigos* core drill
barrenar *vtr* to drill
barreno *nm* shot | drill | drill hole | [Col] drilled well
barrera *nf* clay pit | barrier | *b. prelitoral* longshore bar
barreno *nm* clay deposit | clay pit
barretero *nm* miner employed at the working face
barretón *nm* heavy crowbar | [Col] miner's pick
barrial *nm* clay pit
barril *nm* barrel | [Fr Guiana] a weight of 100 kilograms
barrilla *nf* [Bol] grains of native copper disseminated in other copper ores | [Bol] copper or tin ore concentrates
barro *nm* clay, loam, mud, earth, silt | marl | [Col] overburden on gold placers | *b. de olleros* potter's clay | *b. glaciariaco* till | *b. refractorio* [Cu] fire clay
barroso,-sa *adj* muddy, clayey, silty
bartoniano,-na *adj* Bartonian
bartoniense *adj* Bartonian
basal *adj* basal | basement
basáltico,-ca *adj* basaltic
basalto *nm* basalt
basamento *nm* basement
base *nm* base (of crude oil) | *b. de erosión* base level of erosion
básico,-ca *adj* basic | basal
basitas *nfpl* [Arg] basic rocks
bastoniforme *adj* rod-like
batea *nf* wooden gold pan, traditionally 20 inches in diameter and 25 inches deep | *b. cortadora* polished gold pan 16 inches in diameter and rather less than 2 inches deep | *b. lavadora* variety of gold pan 16 inches in diameter and 2 inches deep | *b. vetadora* gold pan 12 inches in diameter with ears or handles | *b. zambullidora* an oblong, elliptical gold pan 3 to 4 feet long and 14 to 18 inches wide
bataque *nm* [BC, Méx] deposits formed by spring waters
batería de pisones *nf* battery of stamps
batial *adj* bathyal
batipelágico,-ca *adj* bathypelagic
batir *vtr* [Col] to work placers by force of water | *b. el monte* to explore for gold placers, etc.
batisfera *nf* bathysphere
batisismo *nm* bathyseism
batolito *nm* batholith
batoniano,-na *adj* Bathonian
batoniense *adj* Bathonian
bauleao *nm* [Col] pyrite cubes
bayociano,-na *adj* Bajocian
Bayociense *nm* Bajocian
benceno *nm* benzene
beneficiable *adj* millable, suitable for beneficiation, workable
beneficiador *nm* miller | mill operator | person employed to supervise the *patio* process of amalgamation of silver ores
beneficiar *vtr* to work or improve a mine | to derive a profit from working a mine | to win metals from ore or concentrate | to smelt, refine
beneficio *nm* working of a mine | profits derived from working a mine | reduction of ores and concentrates, smelting | productive ore | the richest part of a deposit | *b. de cazo* [Méx] the hot amalgamation process of reducing silver ores | *b. de hierro* amalgamation with the addition of iron filings | *b. de metales* concentration of ores | *b. de patio* the cold, *patio* process of amalgamation of silver ores | *b. de toneles* the Freiberg or barrel process of amalgamating silver ores | *b. por cianuración* cyanide process of precious metal recovery | *b. por cloruración* chlorination process of metal recovery | *b. por fuego* recovery of metals by direct smelting of ore
bencina *nf* gasoline, benzene
bentónico,-ca *adj* benthic
bentonítico,-ca *adj* bentonitic
mentos *nm* benthos
benzol *nm* benzene
berilio *nm* beryllium
berilo *nm* beryl | *b. noble* transparent beryl | *b.*

<i>verdemar</i> aquamarine	blanco,-ca <i>adj</i> white
berma <i>nf</i> berm	blandura <i>adj</i> softness <i>nf</i> soft, crumbly earth
bermellón <i>nm</i> cinnabar	blanquiza <i>nm</i> pipe clay
berriásiano,-na <i>adj</i> Berriásian	blastogranítico,-ca <i>adj</i> blastogranitic
berriasiense <i>adj</i> Berriásian	blastoideo,-dea <i>adj</i> blastoid
berroqueña <i>nf</i> granite	blastoporfirítico,-ca <i>adj</i> blastoporphyritic
bertierita <i>nf</i> berthierite	blendita <i>nf</i> blonde sphalerite <i>b. acaramelada</i> yellow sphalerite <i>b. amarilla</i> yellow sphalerite <i>b. arsenical</i> orpiment <i>b. cadmífera</i>
betumen <i>nm</i> bitumen	greenockite <i>b. córnea</i> [Méx] hornblende <i>b. de</i> <i>plata</i> pyrargyrite <i>b. de zinc</i> sphalerite <i>b.</i> <i>parda</i> brown sphalerite <i>b. roja</i> red sphalerite <i>b. rubí</i> red sphalerite <i>b. testácea</i> fibrous sphalerite
betún <i>nm</i> bitumen, asphalt <i>b. de Judea</i> asphalt	blanco bueno <i>nm</i> [Guanajuato, Méx] a third class of rich ore from the <i>veta madre</i> of about 400 ounce silver to the ton
<i>b. margia</i> bituminous marl	bloque <i>nm</i> block <i>b. errático</i> glacial erratic <i>b.</i> <i>de fallas</i> fault block
biáxico,-ca <i>adj</i> biaxial	bloque-diagrama <i>nm</i> block diagram
biboro <i>nm</i> botryolite	bloquear <i>vtr</i> to block out (ore)
bicarbonato <i>nm</i> bicarbonate	bloqui <i>nm</i> ingot
bicloruro <i>nm</i> bichloride	bobo,-ba <i>adj</i> [Ch] sterile, barren (of ore)
bicharra <i>nf</i> [Pe] a type of small furnace	boca <i>nf</i> the first opening made on a vein or lode mouth or collar of a shaft, well or adit mouth of a river gap, pass, saddle <i>b. de</i> <i>glaciar</i> glacial outlet ice cave <i>b. de pozo</i> wellhead <i>b. mina</i> portal, mouth of an adit
bidón <i>nm</i> jerry can	bocal <i>nm</i> mouth, entrance gap, straight, narrows pit head (coal mine)
bifurcación <i>nf</i> bifurcation, branching, forking branch of a vein that follows along strike	bocamejora <i>nf</i> auxilliary shaft
bifurcamiento <i>nm</i> branching of a vein	bocamina <i>nf</i> portal, entrance to an adit or tunnel
bifurcarse <i>vpr</i> to branch, as for a vein	bocana <i>nf</i> [Col] river mouth
bimbalete <i>nm</i> [Pe] a crude ore mill consisting of a large boulder rocked by a transverse bar	bocarrena <i>nf</i> geode
binario <i>nm</i> binary <i>b. dígito</i> bit	bocarte <i>nm</i> stamp mill crusher drag mill
binche <i>nm</i> [Arg] cubic crystals of pyrite found in gold-bearing conglomerates	bocartear <i>vtr</i> to crush ore in a stamp mill
binomio,-mia <i>adj</i> binomial	bocarteo <i>nm</i> crushing of ore in a stamp mill
bioestratigrafía <i>nf</i> biostratigraphy	bodega <i>nf</i> chamber deposit
bioestratigráfico,-ca <i>adj</i> biostratigraphic	bodoque <i>nm</i> argentite [Batopilas, Méx] silver chloride
bioherma <i>nf</i> bioherm	bofía <i>nf</i> gypsum pipe
biolita <i>nf</i> biolith	bofón <i>nm</i> plug
biolitita <i>nf</i> boundstone	bogue <i>nm</i> [Sp] boghead coal
biolito <i>nm</i> organic sediment	bol <i>arménico</i> <i>nm</i> bole (type of red mud)
bióxido <i>nm</i> dioxide <i>b. carbónico</i> carbon dioxide	boleo <i>nm</i> nodule of ore found in a vein concretions of ore found in sedimentary ore deposits [Méx] waste dump
birrefringencia <i>nf</i> birefringence	bolichar <i>vtr</i> to reduce ore in a <i>boliche</i>
birrefringente <i>adj</i> birefringent	boliche <i>nm</i> bowl concentrator used in the <i>patio</i> process of amalgamating silver ores
bisilicato <i>nm</i> bisilicate	
bismalito <i>nm</i> bysmalith	
bismutina <i>nf</i> bismuthenite	
bismutinita <i>nf</i> bismuthenite	
bismuto <i>nm</i> bismuth <i>b. blenda</i> eulytite <i>b.</i> <i>nativo</i> native bismuth <i>b. ocre</i> oxide or carbonate of bismuth	
bisulfato <i>nm</i> bisulfate	
bisulfuro <i>nm</i> bisulfide	
bitounita <i>nf</i> bytownite	
bitumenización <i>nf</i> bituminization	
bitumífero,-ra <i>adj</i> bituminous	
bituminoso,-sa <i>adj</i> bituminous	
bivalencia <i>nf</i> bivalence	
bivalente <i>adj</i> bivalent	

- bólido** *nm* meteorite
- boleo** *nm* [Col] a red ocher found in placers
- bolón** *nm* cobble, boulder
- bolone** *nm* [Ch] rounded fragment of copper ore
- bolsa** *nf* richest part of a mine | rich pocket of ore | small irregular deposit | vug lined with druse
- bolsada** *nf* rich pocket of ore | druse | irregular deposit | pocket, cavity
- bolsilla** *nf* small bunch of ore
- bolsón** *nm* bolson, internal basin | large pocket of ore
- bolsonada** *nf* bunch of ore
- bolsonero,-ra** *adj* [Bol] in rich ore, in pockets of ore
- bollandiano,-na** *adj* Bollandian
- bollandiense** *adj* Bollandian
- bollo** *nm* [Pe] pocket of ore
- bomba** *nf* bomb (experimental) | pump | *b. calorimétrica* calorimetric bomb | *b. volcánica* volcanic bomb
- bonanza** *nf* large deposit of rich ore | ore shoot | en *b.* yielding a profit, in good ore
- bono** *nm* bonus | *b. de caja* cash bonus
- bononiano,-na** *adj* Bononian
- bononiense** *adj* Bononian
- boratera** *nf* [Arg, Bol, Ch] borax deposit
- borato** *nm* borate | [Ch] ulexite | *b. calcinado* calcined ulexite
- borde** *nm* river bank | fringe, edge | *b. continental* continental borderland
- bordo** *nm* edge | ore remaining in a mine
- bórico,-ca** *adj* boric, boracic
- boro** *nm* boron
- borra** *nm* [Méx] matrix, gangue | barren rock | refined borax | *b. de veta* soft, altered rock | en *b.* in unproductive ground
- borrasca** *nf* an unproductive or unprofitable mine | barren rock | *b. de la capa* tonguing of a bed into adjacent beds | *dar* or *caer en b.* to become unproductive or unprofitable
- boruro** *nm* boride
- bota** *nf* leather bag used to carry ore out of a mine
- botadero** *nm* dump
- botamiento** *nm* fault | dislocation
- botar** *vtr* to dump
- botella** *nf* flask | *b. de ácido* acid bottle | *b. de azogue* flask of mercury
- botija** *nf* [Bol] rawhide bucket of about 7 gallons
- capacity**
- botroide** *adj* botryoidal
- bóveda** *nf* cave or cavern | dome, cupola | chamber deposit | *b. de sal* salt dome
- bovedón** *nm* [Pe] chamber
- boya** *nm* [Cerro de Pasco, Pe] rich vein or pocket of ore | *b. del cobre* copper production boom in 1887 in Perú due to high world market prices for copper
- bradfordiano,-na** *adj* Bradfordian
- bradfordiense** *adj* Bradfordian
- bradisismo** *nm* bradyseism
- braguettilla** *nf* [Pe] crude smelting furnace, often no more than a roasting pit
- braquianticlinal** *nm* brachyanticline
- braquiópodo** *nm* brachiopod
- braquisinclinal** *nm* brachysyncline
- brasa** *nf* [Almadén, Sp] reduction of mercury ore by roasting and distillation
- braunespato** *nm* brown spar (any carbonate colored brown by iron)
- braza** *nf* fathom (a unit of length)
- brazada** *nf* [Col, Vz] fathom (a unit of length) | *b. de piedra* [Méx] a cubic measure used in selling building stone
- brazaje** *nm* water depth
- braco** *nm* arm | branch of a stream | *b. pantanoso* bayou
- brea** *nf* pitch or tar | asphalt | *b. de alquitrán* coal tar | *b. de carbón* coal tar | *b. de hulla* coal tar | *b. de tierra* earth pitch | *b. mineral* heavy oil, maltha, asphalt
- brecha** *nf* breccia | opening, break, crevasse | [Col] prospecting trench | *b. conchífera* shell hash | *b. de dislocación* crush breccia | *b. de fallas* fault breccia | *b. de fricción* fault breccia | *b. de huesos* bone breccia | *b. de trituración* fault breccia | *b. de talud* talus breccia | *b. filoniana* vein breccia | *b. milonita* mylonitic breccia | *b. osifera* bone breccia | *b. poligénica* polygenetic breccia | *b. tectónica* tectonic breccia | *b. volcánica* volcanic breccia
- brechación** *nf* brecciation
- brechiforme** *adj* brecciated
- brechoide** *adj* brecciated
- brechososo,-sa** *adj* brecciated
- brigada** *nf* party, gang, crew | *b. de campo* field party | *b. del tránsito* transit party | *b. topográfica* survey party
- brillantez** *nf* brilliance (gems)
- brillo** *nm* luster | *b. anacarado* pearly luster | *b.*

- ceroso** waxy luster | *b. de antimonio* antimonite
 | *b. de antimonio argentífero* miargyrite | *b. de betún* pitchy luster | *b. de bismuto* bismuthenite
 | *b. de cobalto* cobaltite | *b. de cobre* chalcocite |
b. de hierro red hematite | *b. de plata* argentite |
b. diamantino adamantine luster | *b. grasiendo*
 greasy luster | *b. graso* greasy luster | *b. grasoso*
 [Bol] greasy luster | *b. mantecoso* greasy luster
 | *b. mate* dull luster | *b. metálico* metallic luster
 | *b. nacarado* pearly luster | *b. resinoso* resinous
 luster | *b. sedoso* silky luster | *b. terroso* earthy
 luster | *b. vitrero* glassy luster
- briozoario** *nm* bryozoan
- brocado** *nm* [Pe] low-grade ore
- brocal** *nm* collar (of a shaft) | entrance (to an adit)
- brocantita** *nf* brochantite
- broceo** *nm* [Ch] barreness or sterility of an ore deposit | *en broceo* in barren ground
- bromargira** *nf* bromargyrite
- bromarginita** *nf* bromargyrite
- bromo** *nm* bromine
- bromuro** *nm* bromide
- bronce** *nm* bronze | pyrite | any mineral of a bronze color | [Pe] iron and copper sulfide ores | *b. bruno* [Zacatecas, Méx] silver-bearing pyrite | *b. amarillo* pyrite or chalcopyrite | *b. añilado* covellite | *b. apretado* pyrite | *b. blanco* pyrite | [Potosí, Bol] arsenopyrite | *b. bueno* [Guanajuato, Méx] silver-bearing pyrite | *b. chino* pyrite or chalcopyrite | *b. de cobre* chalcopyrite | *b. dorado* chalcopyrite | *b. malo* [Guanajuato, Méx] pyrite barren of silver | *b. morado* bornite | *b. nochistle* chalcopyrite | *b. plateado* [Ch] copper sulfide ore | *b. platero* silver-bearing pyrite
- broncita** *nf* bronzite
- bronco** *nm* greenhorn, bronco (new, unproven oil field employee) | [Méx] loose, rock ready to fall
- bronzado,-da** *adj* [Pe] containing copper and iron sulfide ore or *bronces*
- bronzudo** *nm* [Méx] pyritic ore
- broquita** *nf* brookite
- brosa** *nf* [Bol] low-grade ore
- broseo** *nm* [Bol] weathering and decomposition of ores
- brosiri** *nm* worker, usually *minga* used to break up ore
- brotadero** *nm* seep, spring, source
- brotar** *vtr* to outcrop | to seep, emerge (groundwater)
- brotazón de veta** *nm* [Méx] apex of a vein
- brote** *nm* [Cu] outcrop | *b. de filtración* seepage outcrop
- broza** *nf* [Bol, Pe] barren part of a vein | low grade ore | [Bol] coarse-grained minerals | [Ch] mine waste
- buitrón** *nm* section of the *patio* of an *ingenio* where each *cuerpo* of ore was treated by the *patio* process of amalgamation of silver ores (a *patio* was generally divided into several *buitrones*)
- brújula** *nf* compass | *b. de geólogo* geologists's compass | *b. minera* mine compass
- bruno,-na** *adj* dark brown
- bruto,-ta** *adj* coarse, rough | crude
- buche** *nm* [Col] pocket of ore
- bucle** *nm* shield
- bufa** *nf* [Mazipal, Méx] beds of brown iron ore and malachite
- buncenita** *nf* bunsenite
- burdigaliano,-na** *adj* Burdigalian
- burdigaliense** *adj* Burdigalian
- burga** *nf* hot spring
- buro** *nm* chalk | marl
- burrear** *vtr* [Sp] to carry ore on one's shoulders
- busca** *nf* search, exploration | [Méx] ore taken out by prospectors
- buscador** *nm* prospector
- buscar** *vtr* to prospect or explore
- buscón** *nm* prospector
- busconero** *nm* prospector
- búsqueda** *nf* search | *b. de información* scouting a well
- butano** *nm* butane
- buzamiento** *nm* dip, inclination | pitch | angle of dip | [Ch] plunge (in Chile *manteo* is used for dip) | *b. aparente* apparent dip | *b. arriba* updip | *b. axil* plunge | *b. del eje* plunge | *b. en cupula* quaquaversal dip
- buzante** *adj* plunging
- buzar** *vtr* to dip

C

cabalar *vtr* to overlap | to thrust, overthrust
cabalgador *nm* nappe
cabalgamiento *nm* thrust, overthrust | *c.* horizontal apparent heave | *c. inclinado* apparent slip | *c. vertical* apparent throw
caballería *nf* a measure of land area
caballete *nm* [Méx] horse (waste rock within or between veins)
caballero *nm* spoil bank
caballo *nm* horse (waste rock within or between veins) | *c. de piedra* [Amolanas, Ch] basic, barren intrusions into quartz porphyry | *c. de peña* [Col] horse | *c. de tepetate* horse
cabecera *nf* headwaters of a river | summit of a hill or ridge | [Bol] a working in the upper part of a mine | *de c.* across a vein
cabeza *nf* [Méx] outcrop | [Col] upper part of a placer working | *c. de ingenio* stamp (in a mill) | *c. de mina* mine entrance | *c. de moro* a var of tourmaline
cabezo *nm* reef, submerged rock
cabezón *nm* rapids | boulder | eddy, whirlpool | [Col] point at which a current of water loses velocity such that material in suspension is deposited
cabezuela *nf* [San Dimas, Méx] concentrates rich in gold and silver
cablevía *nf* cableway, aerial tramway
cabo *nm* cape
cabuchón *nm* rough, unpolished ruby
cabujón *nm* rough, unpolished ruby
cachalonga *nf* variety of opal
cachí *nm* [Bol] barite | [Potosí, Bol] siderite | [Pe] salt | [Chañarcillo, Ch] calcite
cachimba *nf* [Arg] shallow well, spring | [Méx] miner's lamp
cacholongo *nm* a var of opal
cachuela *nf* rapids
cadena *nf* chain | *c. de Markov* Markov chain | *c. de montañas* mountain chain | *c. montañosa* mountain chain
cadenada *nf* [surv] length of one chain
cadenear *vtr* [surv] to chain
cadeneo *nm* [surv] chainin
cadenero *nm* chainman | *c. delantero* head chainman | *c. trasero* rear chainman | *c. zaguero* [Arg] rear chainman
cadmio *nm* cadmium

caducación *nf* expiration of rights to a mining claim or lease
caducar *vtr* to forfeit rights to mining claims or leases (generally by expiration)
caducidad *nf* act of forfeiture to a mining claim or lease | expiration, lapse
caduco,-ca *adj* expired, invalid
caenozoico,-ca *adj* Cenozoic
cagafierro *nm* slag, scoria
caguacha *nf* residues of amalgam and mercury washed out of a mill
caguachiri *nm* worker employed to collect caguachas
caída *nf* fall, drop | [hyd] head | dip | slip, fall (of rock) | *c. de agua* waterfall
caídós *nmpl* fallen or caved ground | fallen material
caíman *nm* [Méx] ore chute
cainozoico,-ca *adj* Cenozoic
caja *nf* wall rock to a vein or deposit | thickness of a vein | [Ch] river bed | *c. de esclusa* sluice box | *c. de extracción* mine cage
cajalarga *nf* [Bol] rock easily drilled
cajón *nm* canyon, gorge, gully | narrow or box canyon | a measure of quantity of ore, generally weighing fifty quintales | [Col] clay at contact between coal and country rock
cajonero *nm* worker who handles skips | [Méx] mouth of a shaft
cal *nf* lime | *c. de estao* cassiterite
cala *nf* creek, cove, bight | test boring | exploration well | *c. de prueba* test boring
calabrés,-esa *adj* Calabrian
calabriano,-na *adj* Calabrian
calabriense *adj* Calabrian
calamaco *nm* [Méx] large piece of rock difficult to break up
calamina *nf* calamine, smithsonite | [Pe] hydrozincite | [Pe] aurichalcite
calamita *nf* magnetite, lodestone | siderite | compass needle | turquoise
calar *adj* calcareous, lime | *nm* limestone quarry
calar *vtr* to pierce, penetrate, perforate
calca *nf* copy | *c. heliográfico* blueprint
calcado *nm* tracing
calcantita *nf* chalcanthite
calcar *vtr* to trace, copy
calcáreo,-rea *adj* calcareous, limey | *nm* limestone
calcedonia *nf* chalcedony

cálcico,-ca <i>adj</i> calcic, calcium	conglomerate
calciesponja <i>nf</i> calcisponge	calicata <i>nf</i> [Arg] test pit bore, drill hole
calcífero,-ra <i>adj</i> calciferous	calichal <i>nm</i> [Bol] kaolin [Méx] second class
calcificación <i>nf</i> calcification	silver ore of 150 to 1000 ounces per ton silver
calcificar <i>vtr</i> to calcify	caliche <i>nm</i> caliche salpeter [Pe, Ch] impure
calciforme <i>adj</i> cup-shaped	sodium nitrate [Arg] cement to borate
calcilodita <i>nf</i> mudstone (Dunham classification)	nodules found in swamps [Uco, Pe] clayey
calcimetro <i>nm</i> calcimeter	soil above gold veins [Ch] altered clay
calcinación <i>nf</i> calcination	selvages to veins [Durango, Méx] white,
calcinador <i>nm</i> calciner, roaster	decomposed clay [Méx] feldspar
calcinar <i>vtr</i> to calcine, roast <i>vpr</i> to calcine	[Guanajuato, Méx] travertine [Col] recently
calcio <i>nm</i> calcium <i>c. clorurado</i> calcium chloride	discovered mineralized vein [Col]
calcioborita <i>nf</i> dreeelite	decomposed calcareous quartz <i>c. negro</i>
calco <i>nm</i> a tracing cast <i>c. de carga</i> load cast	[Cerro de Pasco, Pe] copper sulfides and
<i>c. de deslizamiento</i> slide cast <i>c. de flujo</i> flow	sulfoarsenides
cast <i>c. de roce</i> bounce cast <i>c. espigado</i>	
chevron mark	
calcocita <i>nf</i> chalcocite	calichera <i>nf</i> [Ch, Pe] deposit of caliche
calcófilo <i>nm</i> calcophile	calichero,-ra <i>adj</i> relating to caliche
calcografía <i>nf</i> chalcography	calichoso,-sa <i>adj</i> calcareous feldspathic
calcógrafo <i>nm</i> chalcographer	cálido,-da <i>adj</i> hot, warm
calcopirita <i>nf</i> chalcopyrite	caliente <i>adj</i> warm, hot [Méx] oxidized silver
calcosfera <i>nf</i> chalcosphere	ore
calcosina <i>nf</i> chalcocite	cáliz <i>nm</i> calyx <i>de c. calycal</i>
calcosita <i>nf</i> chalcocite	caliza <i>nf</i> limestone <i>c. carbonífera</i> carboniferous
calcotriquita <i>nf</i> chalcotrichite	limestone <i>c. cavernosa</i> cavern limestone <i>c.</i>
caldera <i>nf</i> caldera crater of a volcano <i>winze</i>	<i>conchífera</i> fossiliferous limestone <i>c. coralina</i>
sump <i>c. vaporizadora de mercurio</i> mercury	coral limestone <i>c. cristalna</i> crystalline
boiler	carbonate (Dunham classification) marble
calderilla <i>nf</i> winze	<i>c. de agua dulce</i> freshwater limestone <i>c. de</i>
caldero <i>nm</i> cauldron <i>hundamiento en c.</i>	<i>arrecife</i> reef limestone <i>c. feldespática</i> arkosic
cauldron subsidence	limestone <i>c. fétida</i> stinkstone <i>c. granular</i>
caledoniano,-na <i>adj</i> Caledonian	grainstone (Dunham classification) <i>c.</i>
calefacción <i>nf</i> heat, heating	<i>hidráulica</i> limestone that yields hydraulic lime
calefaccionar <i>vtr</i> to heat	in calcination <i>c. lodogranular</i> packstone
calentado,-da <i>adj</i> hot <i>c. al blanco</i> white hot <i>c.</i>	(Dunham classification) <i>c. lodosa</i> wackestone
<i>al rojo</i> red hot	(Dunham classification) <i>c. magnesiana</i>
calentador <i>nm</i> [Río Tinto, Sp] a reverboratory	dolostone <i>c. oolítica</i> oolitic limestone <i>c.</i>
furnace used to calcine ore	<i>porosa</i> porous limestone
calero,-ra <i>adj</i> calcareous, limestone <i>nm</i> lime	calizo,-za <i>adj</i> calcareous, lime
burner operator of a lime pit <i>nf</i> lime pit or	caloclar <i>nm</i> white clay
deposit limestone quarry lime kiln	calomelano <i>nm</i> calomel
calesa <i>nf</i> [Méx] ore bucket	calón <i>nm</i> [Huelva, Sp] iron oxide-bearing
caleta <i>nf</i> creek, cove, inlet	sandstone and limestone
caleza <i>nf</i> [Méx] ore bucket	calorescencia <i>nf</i> calorescence
calibita <i>nf</i> chalybite, siderite	calor <i>nm</i> heat <i>c. blanco</i> white heat <i>c. de</i>
caliborita <i>nf</i> kaliborite	<i>hidración</i> heat of hydration <i>c. específico</i>
calibración <i>nf</i> calibration caliper logging	specific heat <i>c. latente de fusión</i> latent heat of
calibrar <i>vtr</i> to calibrate to guage, measure	fusion <i>c. propio</i> geothermal temperature <i>c.</i>
calibre <i>nm</i> caliper <i>c. micrométrico</i> microcaliper	<i>rojo</i> red heat
calicanto <i>nm</i> [Chuquibamba, Pe] auriferous	caloría <i>nf</i> calorie
	calórico,-ca <i>adj</i> calorific
	calorífero,-ra <i>adj</i> heat-producing, giving heat

- calorífico,-ca** *adj* calorific
- calorimetría** *nf* calorimetry
- calorimétrico,-ca** *adj* calorimetric, calorimetrical
- calorímetro** *nm* heat probe, calorimeter
- caloviano,-na** *adj* Callovian
- caloviense** *adj* Callovian
- caluma** *nf* [Andes] pass, gap, gorge
- calvo,-va** *adj* barren, desert
- callana** *nf* [Pe] government refinery or mint
- calloviano,-na** *adj* Callovian
- caloviense** *adj* Callovian
- cama** *nf* layer, bed, stratum | *c. de roca* bedrock
- camada** *nf* bed, stratum, layer
- cámara** *nf* chamber, room | ore shoot, chamber deposit | *c. de minas* chamber of mines | *c. magnética* magma reservoir
- cambio** *nm* change, variation | *c. de facies* facies change | *c. de naturaleza* variation in sedimentary material | *c. de nombre* renaming | *c. de potencia* variation in thickness
- cambriano,-na** *adj* Cambrian
- cámbrico,-ca** *adj* Cambrian
- caminamiento** *nm* [Ec] traversing
- camino** *nm* [Bol] gallery, drift
- camión** *nf* truck | *c. de disparo* shooting truck | *c. de registro* recording truck | *c. de taladro* drilling truck
- campamento** *nm* camp, campground | *c. minero* mining camp
- campaña** *nf* level country
- campaniano,-na** *adj* Campanain
- campaniense** *adj* Campanian
- campanil** *nm* [Bilbao, Sp] hematite | [Sierra Nevada, Sp] siderite
- campilita** *nf* campylite
- campista** *nf* tributor, lessor
- campamiento minero** *nm* mining camp
- campo** *nm* field | mining camp | *c. aurífero* gold field | *c. coercitivo* coercive field | *c. de cumbres* | *c. de kames* kame field | *c. de nieves* firn field | *c. de un microscopio* field of view (microscope) | *c. del petróleo* oil field | *c. gasífero* gas field | *c. magnético* magnetic field | *c. minero* mining camp | *c. petrolero* oil field | *c. productor* producing field | *c. raso* flat, open country
- canal** *nm* channel | flume, race, ground sluice | *c. de erupción* chimney, pipe
- canalado,-da** *adj* grooved, fluted, corrugated
- canalización** *nf* channelization
- canalón** *nm* ground sluice
- cancagua** *nf* [Ch] a stiff, sandy soil
- cancha** *nf* ore bin | [Pe, Ch] mine dump | place near the entrance of a mine where ore was sorted by hand
- canchal** *nm* rocky or stony place | [Méx] moraine
- canchamina** *nf* [Ch] work area around a shaft or adit
- canchaminero** *nm* [Ch] surface worker in a mine
- cancho** *nm* large rock, boulder
- candencia** *nf* incadescence
- candente** *adj* incandescent, red-hot
- candil de minero** *nm* miner's lamp
- canel** *nm* [Sp] cannel coal
- caney** *nm* small bay | [Col] river bend
- canga** *nf* any red lateritic soil | iron-bearing laterite | [Arg, Bol] iron-bearing soil
- cangagua** *nf* [Col] clay suitable for adobe bricks
- cangahua** *nf* [Ec] hardpan
- cangalla** *nf* tailings | [Ch] stolen ore
- cangalli** *nm* [Tipuani, Bol] false bedrock of ferruginous quartz arenite that overlies gold-bearing sand
- cangilón** *nm* bucket | [Ec] mud hole | [PR] small waterfall | *c. de arrastre* dragline bucket
- cangrejero** *nm* [Col] pockets of gold occurring in smaller veins or *venillas*
- canguilón** *nm* [Ch] bucket
- canón** *nm* royalty, tax | rate | *c. bruto* gross royalty | *c. de adición* overriding royalty | *c. de cierre* shut-in royalty | *c. de compensación* compensation royalty | *c. del propietario* fee royalty | *c. de participación* royalty interest | *c. exento de cargos* non-participating royalty | *c. fijo* fixed royalty | *c. no vencido* unaccrued royalty | *c. sin gastos* free ride
- cantal** *nm* stone or pebble | spall | stony ground
- cántara** *nf* a liquid measure equivalent to 13.16 liters | [Durango, Méx] white, decomposed clay
- cántaro** *nm* [Guadalcázar, Pe] retort for reducing mercury ores
- cantear** *vtr* to cut stone
- cantera** *nf* quarry | quarry stone, hewn stone, ashlar, freestone | [Vz] small veinlets of quartz detached from veins | *c. de arena* sand pit | *c. de grava* gravel pit | *c. de préstamo* borrow pit
- cantería** *nf* quarry | quarrying, hewing of stone | freestone, ashlar, hewn stone | [Méx] tuff
- cantero** *nm* stonemason | sum
- cantidad** *nf* quantity, amount | *c. de rotación*

- amount or degree of rotation
cantil *nm* cliff | shelf | cliff edge
cantillo *nm* small stone, pebble
cantizal *nm* stony ground
canto *nm* edge or border | thickness | stone or pebble | boulder | fragment of flint | dressed stone | *c. errático* glacial erratic | *c. grande* cobble | *c. rodado* boulder, cobble, pebble | *c. sin labrar* rough ashlar | *de c.* edgewise, on edge
cantonal *nm* stony ground
canturrón *nm* [Col] manganese oxide
caña *nf* gallery | *c. de mina* gallery | *c. de volar* blasting hole
cañada *nf* valley, gorge, ravine | eroded river bank | the immediate drainage formed by a spring | [Arg] inlet, estuary | [Col, PR] stream
cañadón *nm* canyon, gorge
caño *nm* gallery (in a mine)
cañón *nm* canyon | drift, gallery | *c. submarino* submarine canyon
cañutillo *nm* [Col] fine emerald
caolín *nm* kaolin, china clay
caolínico,-ca *adj* kaolinic
caolinita *nf* kaolinite, kaolin
caolinización *nf* kaolinization
capa *nf* bed, layer, seam, stratum | stratabound deposit | *c. acuífera* aquifer | *c. barrera* blocking layer | *c. basal* bottomset bed | *c. cabalgante* nappe | *c. clave* key bed | *c. cobijante* nappe | *c. competente* competent bed | *c. de carbón* coal seam | *c. de filón* bedded vein | *c. de hielo* ice cap | *c. de velocidad* velocity bed | *c. dorsal* topset bed | *c. freática* acuifer | *c. frontal* foreset bed | *c. fuselar* fusellar layer | *c. gasífera* gas cap | *c. ondulítico* wave stratum | *c. osífera* bone bed | *c. reflectora* reflecting bed | *c. roja* red bed | *c. superior* topset bed | *c. vegetal* top soil | *en capas* layered, bedded
capa-filón *nm* bedded vein
capacidad *nf* capacity | *c. electrica* capacitance | *c. térmica* heat capacity
capacho *nm* bucket | [Pe, Ch] rawhide bag for carrying ore of 2 to 4 arrobas capacity | *c. de extracción* mine bucket
caparazón *nm* carapace | shell
caparrosa *nf* melanterite | copperas | vitriol | *c. amarillo* copiapite | *c. azul* blue vitriol | *c. blanda* goslarite
capataz *nm* foreman | *c. de turno* shift boss
capilar *adj* capillary
capilaridad *nf* capillarity
capillo *nm* cupel
capita *nf* band, small seam, thin layer
capitán *nm* foreman | *c. de la mita* Spaniard or Creole in charge of the *mita* | *c. de yanaconas* person in charge of Indians permanantly dwelling in a mining center, as opposed to *mitayos* who lived elsewhere | *c. enterador* Indian in charge of his community's *mitayos* during their service
caporal *nm* [Vz] foreman
capote *nm* [Col] topsoil
cápsula *nf* laboratory dish
capotero,-ra *adj* shallow
captación *nf* capture, piracy | *c. en abanico* arc shooting
captura *nf* capture | *c. de río* river capture or piracy
capuchón *nm* cap rock
cara *nf* face | facet of a crystal | wall of a fissure | panel of stone in a quarry | *c. de crucero* cleavage face
cárabe *nm* amber
caraca *nf* [Col] thin layer of hard clay between bedrock and paydirt in placers
caracol *adj* spiral
carácter *nm* character | extent
característica *nf* characteristic, feature
caradociano,-na *adj* Caradocian
caracociense *adj* Caradocian
carámbano *nm* icicle
caramero *nm* [Vz] flood debris
carapacho *nm* carapace
carbeno *nm* carbene
carbón *nm* coal | carbon | charcoal | cinder | graphite | *c. aglomerante* coking coal | *c. aglutinante* coking coal | *c. algal* algal coal | *c. almendrillo* nut coal | *c. antracítoso* anthracite | *c. bituminoso* bituminous coal | *c. brillante* glance coal | *c. candelóide* cannel coal | *c. conglomerante* coking coal | *c. craso* coking coal | *c. de algas* boghead coal | *c. de ampelita* cannel coal | *c. de astilla* splint coal | *c. de bujía* cannel coal | *c. de cok* coking coal | *c. de gas* [Vz] gas carbon | *c. de gaz* cannel coal | *c. de llama corta* hard coal | *c. de llama larga* soft coal | *c. de piedra* coal | *c. de piedra pasada* coke | *c. de retorta* gas carbon | *c. de tierra* coal | *c. entrozado* [Méx] broken coal | *c. fosil* coal | *c. granado* nut coal | *c. graso* coking coal | *c. grueso* large coal | *c. lustroso* pitch coal | *c.*

- menudo* small coal | *c. mineral* coal | [Pe] peat | *c. no aglutinante* non-coking coal | *c. para calderas* steam coal | *c. pardo* lignite | *c. pezoso* pitch coal | *c. seco* non-coking coal | *c. semigraso* semibituminous coal | *c. tal como sale* run-of-mine coal | *c. vegetal* charcoal
- carbonáceo,-cea** adj carbonaceous
- carbonada** nf load of coal
- carbonado** nm black diamond, carbonado
- carbonar** vtr to turn into charcoal, carbonize
- carbonato** nm carbonate | [Sp] lead ore | *c. cárlico* calcium carbonate | *c. de hierro* siderite | *c. de sodio* soda | *c. de sodio anhídrico* soda ash | *c. magnésico* magnesite | *c. plomizo* cerussite
- carboncillo** nm small coal, fine coal, slack | coal dust
- carbonear** vtr to turn into charcoal, carbonize | to load coal
- carboneo** nm charcoal making
- carbonera** nf coal bin or bunker | coal mine
- carbonería** nf coal mine | coal shed or yard
- carbonero,-ra** adj coal | nm coal mine | coal merchant, coalman
- carboníaco,-ca** adj carbonic
- carbonífero,-ra** adj carboniferous | coal-bearing
- carbonilla** nf coal dust, fine coal, pulverized coal | cinder
- carbonización** nf carbonization
- carbonizar** vtr to carbonize | to burn | vpr to carbonize
- carbono** nm carbon | *c. orgánico* organic carbon | carbono 14 carbon-14
- carbonoso,-sa** adj carbonaceous
- carborundo** nm corundum
- carburo** nm carbide
- cárcamo** nm drain (of a mine) | flume
- cárcava** nf gully, ditch
- carcavón** nm gorge
- carcomar** vtr to erode, undermine | vpr to be undermined
- cardenilla** nf [Batopilas, Méx] proustite
- cardenillo** nm verdigris
- carear** vtr to face (stone)
- carga** nf load | loading | [hyd] head | [met] heat, charge | mule-load of 8 to 14 arrobas | man load of about 2 arrobas | duty, tax, charge | [Bol] alt. red rock useful as a guide to ore | [Col] pebbles and cobbles found in placers | [Sandia, Pe] overburden on placers | *c. de mula* load of about 8 to 14 arrobas | *c. del lecho* bed load | *c. disuelta* dissolved load | *c. mineral* ore | *c. suspendida* suspended load
- cargado,-da** adj loaded | heavy, dense
- cargamento** nm load, shipment | cargo
- cargar** vtr to load | to charge (a furnace) | v intr to load up
- cargo** nm burden, loading | load of stone of about one third of a cubic meter | [Granada, Sp] one cubic vara
- carhua** nf [Pe] pyrite
- carí** adj lead grey
- cariado,-da** adj rotten
- carmesí** adj crimson | nm crimson
- carmín** adj carmine, crimson | nm crimson | [Col] limonite
- carmíneo,-nea** adj carmine, crimson
- carnación** nf flesh color
- carne de vaca** nm [Bol, Pe] coarse galena ore (considered to be relatively poor in silver) | [Hualgáyoc, Pe] red amorphous sphalerite, phosphorescent on fracture
- carneola** nf variety of chalcedony
- carniense** nm Karnian
- carrancho** nm [Col] altered granite carrying auriferous pyrite and free gold | shale host rock in which gold veins are unproductive
- carranchoso,-sa** adj [Col] rough, scaly, harsh
- carrascal** nm [Méx] honeycombed quartz, usually barren
- carrera** nf run | *c. de la marea* tidal range
- carretada** nf cart or wagon load of 120 arrobas
- carretal** nm [Sp] roughly dressed ashlar or rubble-stone
- carro** nm car | *c. calichero* [Ch] nitrate car | *c. carbonero* coal car | *c. de extracción* mine car | *c. salitrero* [Ch] nitrate car
- carst** nm karst
- carstenita** nf karstenite, anhydrite
- cárstico,-ca** adj karstic
- carstificación** nf karstification
- carta** nf map | chart | *c. planialtimétrica* [Arg] topographic map
- cartografía** nf cartography | *c. aérea* aerial photosurveying
- cartografiar** vtr to survey, make maps
- cartográfico,-ca** adj cartographic
- cartógrafo** nm cartographer
- cartoteca** nf [Vz] map file
- casa** nf house | *c. del apartado* parting establishment
- casar metales** vtr [Pe] to mix ores for amalgamation or smelting

- casarón** *nm* large stope
- cascada** *nf* waterfall, cascade | [Col] rapids | *c. de diaclasa* joint-plane waterfall | *c. de glaciar* glacierfall
- cascajal** or **cascajar** *nm* gravel deposit | gravel pit
- cascajear** *vtr* to extract gravel from a gravel pit | [Col] to clean out cobbles from a sluice
- cascajero** *nm* gravel bed | worked-out mine | [Col] a previously worked placer that still contains gold
- cascajo** *nm* gravel deposit | quarry waste | fine gravel | [Arg] cobbles | [Ch] coarse, gold-bearing gravels | [Fr Guiana] deeply weathered rock | [Méx] waste rock | *c. blando* [Calamachi, Méx] talcose schist bedrock to placers | *c. duro* [Calamachi, Méx] slate which forms potholes in bedrock to placers | [Durango, Méx] iron-bearing quartz | [Pe] pockets of silver ore of large size | [El Caratal, Vz] decomposed schist forming bedrock to placers | altered diorite in the vicinity of veins
- cascajoso,-sa** *adj* gravelly
- casco** *nm* hard hat
- cascote** *nm* rubble stone | waste | muck | [Arnao, Sp] screened coal 250 to 600 mm in size
- cárstico,-ca** *adj* karst
- casimba** *nf* well | spring | [Cu] sinkhole
- casiterita** *nf* cassiterite
- casquete** *nm* cap | *c. de gas* gas cap
- casquijo** *nm* gravel | gravel bar
- castaña** *nf* abandoned mine
- castaño,-ña** *adj* chestnut brown | *nm* chestnut brown
- castellano** *nm* an old Spanish coin | one-fiftieth part of a *marco* | [Méx] furnace used for lead smelting
- castigar** *vtr* [Méx] to dress or smooth stone
- castillete** *nm* headframe
- castillo** *nm* headframe
- castina** *nf* limestone flux
- castor** *nm* petalite
- cata** *nf* mine under litigation | mine of shallow depth | placer mine | prospecting pit, test pit | testing, boring, exploration | [Méx] subsidence
- cataclástico,-ca** *adj* cataclastic
- catacore** *nm* [Col] prospecting pit or trench
- catadora** *nf* earth auger
- catálisis** *nf* catalysis
- catlítico,-ca** *adj* catalytic
- catalizador,-dora** *adj* catalytic | *nm* catalyst
- catalizar** *vtr* to catalyze
- cataclasis** *nf* cataclastic process
- cataclismo** *nm* cataclysm
- catar** *vtr* to explore, prospect, sample
- catarata** *nf* cataract, waterfall
- cataroca** *nf* [Arg] cataclastic rock
- catastral** *adj* cadastral
- catastro** *nm* official land register, cadastre | inventory or census of mining properties
- catastrófico,-ca** *adj* catastrophic
- catastrofismo** *nm* catastrophism
- catazona** *nf* katazone
- cateado,-da** *adj* prospected, explored
- cateador** *nm* prospector | sampler | prospector's pick
- catear** *vtr* to look for, search for | to prospect or explore a mine, deposit or property | to sample
- cateo** *nm* prospecting, exploration | sampling
- cátodo** *nm* cathode
- cauce** *nm* river channel, river bed | ditch, trench | way, channel, course | *c. inferior* lower course (of a river) | *c. superior* upper course (of a river)
- caudal** *nm* fortune, wealth | rate, discharge, volume of flow | *c. afluente* runoff, inflow | *c. de avenida* flood flow | *c. de un río* discharge of a river | *c. sólido* bed load
- caudaloso,-sa** *adj* in full flood
- cava** *nf* digging, ditch | pit, excavation | rill | [Reocín, Sp] cuts made in working calamine quarries
- cavadizo,-za** *adj* easily excavated
- cavador** *nm* digger, excavator
- cavadura** *nf* digging
- cavar** *vtr* to dig, excavate | to dig or sink a well | *vintr* to dig
- cavazón** *nm* [Sp] digging, excavation
- caverna** *nf* cavern, cave, hollow
- cavernario,-ria** *adj* cave, cavern
- cavernoso,-sa** *adj* cavernous, porous
- cavidad** *nf* cavity, vug | *c. de un filón* vug or pocket in a vein
- cavitación** *nf* cavitation
- cayo** *nm* cay, small island | shoal
- caz** *nf* flume, canal, race
- cazo** *nm* vessel used for heating ore in the hot amalgamation process for silver ores
- cebar** *vtr* [Méx] to smelt ore

- cebo** *nm* [Méx] smelter charge | [Col] late calcite precipitated by groundwaters infiltrating veins
- ceca** *nf* royal mint
- cedazo** *nm* small hand sieve used in assaying
- celemín** *nm* dry measure equivalent to two *maquilas* and one-twelfth of a *fanega*
- celestina** *nf* celestite
- célula** *nf* cell | cellule
- celular** *adj* cellular
- cementación** *nf* cementation | setting of casing
| *c. de fondo* plug back
- cementado,-da** *adj* cemented
- cementar** *vtr* to cement
- cemento** *nm* cement | *c. artificial* [Sp] Portland cement | *c. puzolánico* pozzolan cement
- cementoso,-sa** *adj* cement-like
- cenagal** *nm* swamp
- cenagoso,-sa** *adj* swampy
- cendra** *nf* paste of bone ash used to make cupels
- cendradilla** *nf* [Méx] small reverberatory refining furnace
- ceniciente,-ta** *adj* ashen, ashy color
- cenicilla** *nf* [Méx] black earthy residue obtained in reducing mercury ores in a gallery furnace
- ceniza** *nf* ash | *c. de plomo* litharge | *c. de soda* soda ash | *c. volcánica* cinder
- cenizo,-za** *adj* ash colored
- cenizo-negro** *nm* [Chañarcillo, Ch] transitional ore zone containing both silver chlorides and proustite-pyargyrite
- cenomaniano,-na** *adj* Cenomanian
- cenomanense** *adj* Cenomanian
- cenote** *nm* [Yucatan, Méx] sinkhole
- cenozoico,-ca** *adj* Cenozoic
- cental** *nm* a measure of weight
- centellador** *nm* scintillator, scintillometer
- centellómetro** *nm* scintillator, scintillometer
- centenaja** *nf* [Col] pothole (in a river)
- centíarea** *nm* square meter, centare
- centígrado,-da** *adj* centigrade
- centila** *nf* percentile
- centigramo** *nm* centigram
- centímetro** *nm* centimeter
- centro** *nm* center | height and depth | axis of a stream, etc.
- ceñido,-da** *adj* [Méx] thinned out, narrowed
- ceolita** *nf* zeolite
- cerá** *nf* wax | *c. fósil* or mineral natural paraffin, mineral wax
- cerámico,-ca** *adj* ceramic
- cerargirita** *nf* cerargyrite
- cerca** *adv* near | *c. del sol* open pit | *nf* [Ch] bedrock
- céreo,-re** *adj* waxy, wax
- cerio** *nm* cerium
- cernedor** or **cernidor** *nm* screen, sieve
- cerner** or **cernir** *vtr* to sift or sieve
- cerniduras** *nfpl* screenings
- cero** *nm* zero | *c. absoluto* absolute zero
- ceroso,-sa** *adj* waxy, ceraceous
- cerracho** *nm* [Huancavelica, Pe] smalls (*granza*) of mercury ore used as the top charge in the barba furnace
- cerrar** *vtr* to close | to enclose | to shut-in (a well) | *c. el trazado* to close a survey
- cerrarse** *vpr* to thin out, pinch out, as for a vein
- cerrazón** *nm* [Col] part of a placer containing boulders
- cerril** *adj* rough, uneven, hilly
- cerrillada** *nf* range of low hills
- cerrillo** *nm* hillock
- cerro** *nm* hill (smaller than a *pico* but larger and steeper than a *loma*) | *c. glaciarico* kame
- cerro-mesa** *nm* table mountain
- cerúleo,-lea** *adj* cerulean, azure, deep blue
- cerusa** *nf* cerussite
- cerusita** *nf* cerussite
- cesio** *nm* cesium
- cesión** *nf* failure | *c. de interés* farm-out
- cianita** *nf* kyanite
- cianizar** *vtr* to cyanide
- cianuración** *nf* cyanidation, cyaniding
- cianuro** *nm* cyanide
- cibairo** *nm* any blue or green copper mineral
- cíclico,-ca** *adj* cyclic, cyclical
- ciclo** *nm* cycle | *c. de erosión* erosional cycle | *c. glaciar* glacial fluctuation
- cielo** *nm* sky | roof of a working | hanging wall
| *a c. abierto* open pit
- ciénaga** *nf* depression where water collects | swamp, bog | *c. cárstica* karst fen, karst swamp
- ciencia** *nf* science | *ciencias geológicas* geological sciences
- ciengal** *nm* [PR] swamp
- cieno** *nm* mud | sludge
- científico,-ca** *adj* scientific | *nm/nf* scientist
- cierre** *nm* closure | shut-in | *c. anticlinal* anticlinal closure | *c. del trazado* [surv] closure
- cifra** *nf* figure, number, numeral | quantity, amount | *c. decimal* digit
- cilíndrico,-ca** *adj* cylindrical, cylindric

cilindrio <i>nm</i> cylinder	cisco <i>nm</i> broken coal coal dust
cima <i>nf</i> summit, top, height, peak, crest	citrina <i>nf</i> citrine (a <i>var</i> of quartz)
cimborrio <i>nm</i> dome roof, cieling, hanging wall	cizalla <i>nf</i> shear
cimbrozano <i>nm</i> [Vz] earthquake	cizallar <i>vtr</i> to shear
cimento <i>nm</i> cement	cizalleo <i>nm</i> shearing
cimofana <i>nf</i> cymophane, chrysoberyl	cizallimiento <i>nm</i> shearing
cinabrita <i>nf</i> [Sp] cinnabar	ckajcheo <i>nm</i> irregular workings resulting from selective mining
cinabrio <i>nm</i> cinnabar <i>c. hepático</i> hepatic cinnaber	ckallar <i>vtr</i> to high grade a vein or deposit by mning selectively
cinc <i>nm</i> zinc <i>c. rojo</i> zincite	ckatata or ckatati <i>nf</i> [Bol] leather bag used to haul ore
cincel <i>nm</i> chisel [Pe] large mass of native silver <i>c. del indio</i> [Col] stone chisel used by natives for quarrying stone <i>c. de uñas</i> [Sp] stone cutter's chisel	ckojta <i>nf</i> [Bol] miner's carbide lamp
cinelador <i>nm</i> stone cutter's chisel	ckollpa <i>nf</i> [Bol] trona
cincelar <i>vtr</i> to chisel	claro <i>nm</i> open space in a lode remaining after ore has been extracted
cincelete <i>nm</i> graver, small chisel	clase <i>nm</i> class grade <i>c. cristalina</i> crystal class
cincífero,-ra <i>adj</i> zinc-bearing, zinciferous	clasificable <i>adj</i> classifiable
cincita <i>nf</i> zincite	clasificación <i>nf</i> classification sorting order <i>c. de Dunham</i> Dunham's classification of carbonate rocks
cincha <i>nf</i> girth, cinch	clasificado,-da <i>adj</i> classified
cinerita <i>nf</i> ash flow	clasificador <i>nm</i> filing cabinet classifier (milling)
cinético,-ca <i>adj</i> kinetic <i>nf</i> kinetics	clasificar <i>vtr</i> to class, classify to sort to grade, class to screen
cinquero <i>nm</i> zinc worker	clástico,-ca <i>adj</i> clastic
cinta <i>nf</i> tape measuring tape band or layer of mineral in a vein [Col] gold-bearing horizon in a placer <i>c. de agrimensor</i> measuring tape <i>c. de bolsillo</i> pocket tape <i>c. métrica</i> measuring tape	claustalita <i>nf</i> clausthalite
cintada <i>nf</i> [surv] tape length, tape measurement	clavada <i>nf</i> winze
cintarrón <i>nm</i> [Col] layer of pay-dirt in a placer of unusual thickness	clavado,-da <i>adj</i> [Col] vertical
cinteado,-da <i>adj</i> banded, ribboned <i>nf</i> streak, band	clavaque <i>nm</i> pebbles of quartz crystal
cintero <i>nm</i> [surv] tapeman <i>c. delatero</i> head tapeman <i>c. trasero</i> rear tapeman <i>c. zaguero</i> [Arg] rear tapeman	clavo <i>nm</i> bunch of ore pay streak rich ore shoot chimney (of ore) inclusion of igneous rock within sedimentary rock [Col] piece of gold which cuts a pebble or cobble from one side to another
cintilómetro <i>nm</i> scintillator, scintillometer	cliachita <i>nf</i> bauxite, cliachite
cinturón <i>nm</i> belt, zone <i>c. de cabalgamiento</i> overthrust belt <i>c. morénico</i> moraine belt	clinclasa <i>nf</i> clinoclase
circa <i>nf</i> [Ch] bed rock	clinocloro <i>nm</i> clinochlore
circular <i>vtr</i> [Bol] to mine selectively	clinoeye <i>nm</i> clinoaxis
circo <i>nm</i> cirque, kar <i>c. glaciar</i> cirque	clinómetro <i>nm</i> clinometer
circón <i>nm</i> zircon	clivaje <i>nm</i> cleavage <i>c. de crenulación</i> crenulation cleavage <i>c. de disyunción</i> fracture cleavage <i>c. de estratificación</i> bedding cleavage <i>c. de flujo</i> flow cleavage <i>c. de fractura</i> fracture cleavage <i>c. de lápis</i> pencil cleavage <i>c. de micropliegue</i> crenulation cleavage <i>c. de plano axil</i> axial plane cleavage <i>c. de roca</i> rock cleavage <i>c. de transposición</i> slip cleavage <i>c. en abanico</i> cleavage fan <i>c. espaciado</i> spaced
circona <i>nf</i> zirconia	
circólico,-ca <i>adj</i> zirconic	
circonio <i>nm</i> zirconium	
circonita <i>nf</i> zirconite	
círculo <i>nm</i> circle district <i>c. antártico</i> antarctic circle <i>c. ártico</i> arctic circle <i>c. de Mohr</i> Mohr's circle <i>c. polar</i> polar circle	
circunferencia <i>nf</i> circumference	

cleavage <i>c. paralelo</i> bedding cleavage <i>c.</i>	virgen native copper <i>c. vitreo</i> torbernite
pizarreño slatey cleavage <i>c. pizarroso</i> slatey cleavage <i>c. verdadero</i> slaty cleavage	cobreño,-ña adj copper, with copper
clizoglify <i>nm</i> mud crack	cobrizo,-za adj copper-bearing, cupiferous
cloantita <i>nf</i> chloanthite	copper-colored, coppery <i>nm</i> [Méx] low-grade copper ore
clorato <i>nm</i> chloride	cocción <i>nf</i> roasting
clorhidrato <i>nm</i> hydrochloride	coceo <i>nm</i> [Méx] thrust
clorídrico,-ca adj hydrochloric	cocer <i>vtr</i> to roast ore
clórico adj chloric	cemento <i>nm</i> [Pe] boiling of ores [Ch] method of treating nitrates
clorita <i>nf</i> chlorite	cocinera <i>nf</i> [Zacatecas, Méx] rich part of a mine
clorítico,-ca adj chlorite, chloritic	coco <i>nm</i> [Col] gold pan made from a cocanut shell
cloritización <i>nf</i> chloritization	cocolita <i>nf</i> cocolite
cloritoide <i>nf</i> chlortoid	cocolito <i>nm</i> cocolith
cloro <i>nm</i> chlorine	cocha <i>nf</i> [Bol, Ec] lake, pond
clorocalcita <i>nf</i> hydrophilite	cochano <i>nm</i> [Vz] nugget
cloroespina <i>nf</i> chlorospinel	cochino <i>nm</i> [met] pig
cloruro <i>nm</i> chloride <i>c. de cal</i> chloride of lime <i>c. de sodio</i> sodium chloride <i>c. sódico</i> sodium chloride	cochiso <i>nm</i> [Pe] proustite, pyrargyrite
coacervación <i>nf</i> coacervation	cochizo <i>nm</i> pyrargyrite [Bol, Pe] tetrahedrite [Pe] stromeyerite <i>c. falso</i> [Cerro de Pasco, Pe] bournonite
coalescencia <i>nf</i> coalescence, fusion	cochura <i>nf</i> roasting
cobáltico,-ca adj cobaltic	codal adj one cubit long
cobaltífero,-ra adj cobalt-bearing, cobaltiferous	código <i>nm</i> code of laws <i>c. de carolina</i> mining code for Potosí and the area under the authority of the viceroyalty of the Río de La Plata (essentially modern Bolivia) established in 1792 <i>c. de minas</i> mining laws
cobaltina <i>nf</i> cobaltite	codo <i>nm</i> cubit
cobalto <i>nm</i> cobalt cobalt ore <i>c. arsenical</i> smaltite <i>c. brillante</i> cobaltite <i>c. fragmentado</i> native arsenic <i>c. gris</i> cobaltite, smaltite	coeficiente <i>nm</i> coefficient <i>c. de confianza</i> confidence level <i>c. de correlación</i> correlation coefficient <i>c. de determinación</i> coefficient of determination <i>c. de elasticidad</i> modulus of elasticity <i>c. de permeabilidad</i> coefficient of permeability <i>c. de productividad</i> productivity index <i>c. de variación</i> coefficient of variation
cobaltoso,-sa adj cobaltous	cogollo <i>nm</i> upper part <i>c. de la cinta</i> [Col] upper part of the pay zone in a placer <i>c. del hilo</i> [Col] upper part of a vein <i>c. de las vetas</i> outcrop of a vein
cobertera <i>nf</i> platform cover	coherencia <i>nf</i> coherence
cobertura <i>nf</i> cover, covering	cok <i>nm</i> coke <i>c. de petróleo</i> petroleum coke <i>c. de retorta</i> gas coke <i>c. para altos hornos</i> blast furnace coke
coblenciano,-na adj Coblenzian	cola <i>nf</i> tail [Méx] part of a vein that terminates with depth <i>nfpl</i> tailings
colbenciente adj Coblenzian	colada <i>nf</i> flow (of lava) melt filtering <i>c. de lava</i> lava flow
cobijadura <i>nf</i> alluvium [Arg] overthrust	coladero <i>nm</i> winze, ore pass, ore chute
cobre <i>nm</i> copper copper ore <i>c. abigarrado</i> bornite <i>c. amarillo</i> chalcopyrite <i>c. ampollosa</i> blister copper <i>c. anilado</i> covellite <i>c. azul</i> azurite <i>c. bruto en plancha</i> copper ingot <i>c. de acarreo</i> drift copper <i>c. de cementación</i> cement copper <i>c. del cátodo</i> cathode copper <i>c. en plancha</i> sheet copper <i>c. gris (antimonial)</i> tetrahedrite <i>c. gris (arsenical)</i> tennantite <i>c. gris argentífero</i> freibergite <i>c. gris mercurial</i> schwazite <i>c. hepático a var</i> of chalcopyrite <i>c. índigo</i> chalcocite <i>c. morado</i> bornite <i>c. nativo</i> native copper <i>c. negro</i> blister copper <i>c. tenorite</i> <i>c. piritoso</i> chalcopyrite <i>c. piritoso</i> hepático bornite <i>c. porfidico</i> copper porphyry <i>c. rojo</i> cuprite <i>c. roseta</i> copper ingot <i>c. salino</i> atacamite <i>c. silíceo</i> crysocolla <i>c. sulfurado</i> vidrioso chalcocite <i>c. sulfúreo</i> chalcocite <i>c. verde</i> malachite <i>c. vidrioso</i> chalcocite <i>c.</i>	

<i>vibratorio</i> shale shaker, mud screen	
<i>coladura</i> <i>nf</i> straining, filtering	<i>columnar</i> <i>adj</i> columnar
<i>colagón</i> <i>nm</i> [Méx] conduit, canal	<i>coluvial</i> <i>adj</i> colluvial
<i>colar</i> <i>vtr</i> to cast metal [Méx] to sink a shaft	<i>coluvión</i> <i>nf</i> colluvium
<i>colarse</i> <i>vpr</i> to seep, percolate	<i>collado</i> <i>nm</i> saddle, gap, pass hill
<i>colatitud</i> <i>nf</i> colatitude	<i>collpa</i> <i>nf</i> [Bol, Pe] nitrate, trona
<i>colección</i> <i>nf</i> collection	<i>comarca</i> <i>nf</i> territory, district, region border, boundary, limit study area <i>c. minera</i> mining district
<i>colector</i> <i>nm</i> collector <i>c. de gas</i> gas trap	<i>comba</i> <i>nf</i> bulge
<i>colgado,-da</i> <i>adj</i> suspended, hung [Bol] said of a mine working which encounters an already worked area	<i>combar</i> <i>vtr</i> to bend, curve or warp
<i>colgante</i> <i>adj</i> hanging, suspended	<i>combersa</i> <i>nf</i> [Arg] valley
<i>colgar</i> <i>vtr</i> [Col] to use natural drainage to work a placer	<i>combinación</i> <i>nf</i> combination, compound commingling permutation
<i>colicuación</i> <i>nf</i> smelting	<i>combo</i> <i>nm</i> [Bol] sledge hammer
<i>colillas</i> <i>nfpl</i> tailings	<i>combustible</i> <i>adj</i> combustible <i>nm</i> fuel, combustible fuel oil <i>c. líquido</i> liquid fuel
<i>colimación</i> <i>nf</i> collimation	<i>combustión</i> <i>nf</i> combustion <i>c. in situ</i> in situ combustion
<i>colimador</i> <i>nm</i> collimator	<i>combustóleo</i> <i>nm</i> fuel oil
<i>colina</i> <i>nf</i> ridge, hill hillock <i>c. de presión</i> pressure ridge	<i>comercialización</i> <i>nf</i> marketing
<i>colindante</i> <i>adj</i> adjacent	<i>comerse los pilares</i> <i>vpr</i> [Méx] to rob pillars
<i>colmado,-da</i> <i>adj</i> piled in heaps	<i>comillo</i> <i>nm</i> reverberatory furnace
<i>colmarse</i> <i>vpr</i> to fill up	<i>comisión</i> <i>nf</i> [Col] party <i>c. de estudios</i> [Col] survey party
<i>colmatación</i> <i>nf</i> filling [Arg] silting up	<i>comisura</i> <i>nf</i> corner <i>c. estratigráfica</i> bedding plane
<i>colmataje</i> <i>nm</i> filling	<i>compacidad</i> <i>nf</i> [PR, Vz] compaction, compactedness
<i>colmo</i> <i>nm</i> height, summit	<i>compactación</i> <i>adj</i> compaction, compacting, consolidating
<i>colocar</i> <i>vtr</i> to arrange or place, locate, set	<i>compacto,-ta</i> <i>adj</i> compact, dense
<i>colofonita</i> <i>nf</i> colophane	<i>compañía</i> <i>nf</i> company <i>La C.</i> [Pe] Cerro de Pasco Corporation
<i>colófano</i> <i>nf</i> colophane	<i>compás</i> <i>nm</i> compass (for drawing) compass (for navigation) <i>c. de división</i> dividers
<i>coloformo,-ma</i> <i>adj</i> colloform	<i>compensación</i> <i>nf</i> adjustment, compensation <i>c. de la brújula</i> compass compensation
<i>coloidal</i> <i>adj</i> colloidal	<i>compensar</i> <i>vtr</i> to adjust <i>c. la aguja</i> adjust a compass needle
<i>coloide</i> <i>adj/nm</i> colloid	<i>competencia</i> <i>nf</i> competence
<i>coloideo,-dea</i> <i>adj</i> colloid, colloidal	<i>competente</i> <i>adj</i> competent
<i>colomillo</i> <i>nm</i> [Col] protruding rocks in the bedrock of a river or placer	<i>complejo</i> <i>nm</i> complex <i>c. basal</i> basement complex <i>c. de base</i> basement complex <i>c. fundamental</i> basal complex <i>c. volcánico</i> volcanic complex
<i>color</i> <i>nm</i> trace or color of gold rock stained by mineral	<i>componente</i> <i>nm</i> constituent, component
<i>colorante</i> <i>nm</i> coloring material	<i>composición</i> <i>nf</i> composition
<i>colorado,-da</i> <i>adj</i> red <i>nf</i> [Topia, Méx] rusty orange staining of propylitized andesite due to weathering of pyrite <i>nm</i> red [Méx] gossan [Pe, Ch] oxidized silver ores colored by copper	<i>comportamiento</i> <i>nm</i> behavior <i>c. geoquímico</i> geochemical behavior
<i>coloreado,-da</i> <i>adj</i> colored	<i>compresibilidad</i> <i>nf</i> compressibility
<i>colpa</i> <i>nf</i> copperas [Pe] a silver ore	<i>compresible</i> <i>adj</i> compressible
<i>colqueruna</i> <i>nm</i> Indian who obtained exemption from the <i>mita</i> by paying a fee to his <i>caquique</i>	
<i>colqui</i> <i>nm</i> [Bol, Pe] silver	
<i>columna</i> <i>nf</i> pipe or column of rock or ore <i>c. de brecha</i> breccia pipe <i>c. de petróleo</i> oil column <i>c. de sondeo</i> drill string	

compresión *nf* compression | *c. isotermica*
isothermal compression
compresivo,-va *adj* compressive
compreso,-sa *adj* compressed
comprimible *adj* compressible
comprimido,-da *adj* compressed
comprimir *vtr* to compress | *v.pr* to be compressed
compuesto,-ta *adj* compound | *nm* compound
computador *nm* computer
computadora *nf* computer
computar *vtr* to compute, calculate
cómputo *nm* computation, calculation
común *adj* common, ordinary, average | *nm* ore of average grade
comunicación *nf* [Bol] drift that connects two section of a mine | intersection of a raise or winze with a gallery
concavidad *nf* concavity
cóncavo,-va *adj* concave | *nf* cavity, hollow
cóncavoconvexo,-xa *adj* concavo-convex
concentración *nf* concentration | *c. en seco* dry concentration
concentrado,-da *adj* concentrated | *nm* concentrate
concentrador *nm* concentrator
concentrar *vtr* to concentrate
concentricidad *nf* concentricity
concéntrico,-ca *adj* concentric
concesión *nf* concession, grant | *c. comunitaria* community lease | *c. de tiro* shooting lease
concesionar *vtr* to grant a concession
concesionario *nm* holder of a concession, licensee, grantee
concoide *adj* conchoidal
concoideo,-dea *adj* conchoidal
concordancia *nf* conformity
concordante *adj* concordant, conformable
concreción *nf* concretion | *c. calcárea* calcareous sinter | *c. esferoidal* spheroid concretion
concrecionado *nm* deposit formed by chemical precipitation
concrecionar *vtr* to sinter
concrecional *adj* concretionary
concha *nf* shell | test (microfossil)
conchífero *adj* shell-bearing | *nm* [Méx] shell-bearing limestone
conchilla *nf* [Arg] shell
conchudo,-da *adj* shelly, shaly
cónchula *nf* [Arg] test (microfossil)
condensación *nf* condensation

condensado *nm* condensate | *c. retrogrado* retrograde condensate
condensar *vtr* to condense
cóndrita *nf* chondrite
conducción *nf* conduction | *c. de calor* thermal conduction
conductancia *nf* conductance
conductibilidad *nf* conductivity
conductible *adj* conductive
conductividad *nf* conductivity
conductivo,-va *adj* conductive
conducto *nm* vent or pipe of a volcano | channel, lava channel | conduit | *c. volcánico* volcanic vent
conexión *adj* connection, linkage
confección *nf* drawing up, making up | *c. de mapas* mapping
configuración *nf* pattern, array, configuration | *c. de afloramientos* outcrop pattern | *c. de diaclasas* joint pattern | *c. dendritica* dendritic pattern | *c. en reja* trellis pattern | *c. lee lee* configuration | *c. radial* radial pattern | *c. rectangular* rectangular pattern | *c. Wenner* Wenner array
confitillo *nm* [Méx] pea gravel, peastone
conflación *nf* smelting
confluencia *nf* confluence, concourse, or meeting of two rivers, etc. | junction | *c. de glaciares* glacial confluence
confluente *adj* confluent, tributary | *nm* confluence, concourse (of rivers)
confluir *vtr* to converge, meet, come together
congelado,-da *adj* frozen
congelar *vtr* to freeze, congeal | *vpr* to freeze, congeal
congelo *nm* [Ch] lowest layer of caliche consisting of selenite, sand, sulphates and chlorides
conglomerádico,-ca *adj* [Arg] conglomeritic, conglomerate
conglomerado,-da *adj* conglomerate | *nm* conglomerate | *c. aurífero* gold placer | *c. de boleos* boulder conglomerate | *c. de chinos* cobble conglomerate | *c. de fallas* fault conglomerate | *c. de granito* [Arg] granolithic conglomerate | *c. de peñas* [Vz] cobble conglomerate | *c. de peñones* [Vz] boulder conglomerate | *c. de trituración* crush conglomerate | *c. fundamental* basal conglomerate | *c. rojo* [Méx] conglomerate cemented by red, iron-bearing clay

conglomerante <i>nm</i> binding material	contador <i>nm</i> counter <i>c. central center counter</i>
conglomerar <i>vtr</i> to conglomerate <i>vpr</i> to conglomerate	<i>c. de altura altimeter</i> <i>c. geiger geiger counter</i>
conglomerático,-ca <i>adj</i> conglomeratic	<i>c. proporcional proportional counter</i>
conglutinado,-da <i>adj</i> conglutinated	
conglutinarse <i>vpr</i> to coalesce, coagulate, cake	contar <i>vtr</i> to count
congo <i>nm</i> [Col] pebbles or fragments of iron ore found in placers iron oxide found in veins sphalerite	contemporáneo,-nea <i>adj</i> contemporaneous
congosto <i>nm</i> pass canyon, gorge	contenido <i>nm</i> concentration, grade content
congruente <i>adj</i> congruent	contextura <i>nf</i> structure and texture <i>c. oítica</i>
congruo,-rua <i>adj</i> congruent	ophitic texture
coniaciano,-na <i>adj</i> Coniacian	continental <i>adj</i> continental
coniaciense <i>nm</i> Coniacian	continente <i>adj</i> containing <i>nm</i> continent
conicidad <i>nf</i> taper conicity	contingente <i>nm</i> share, quota, allowable <i>c. de producción provisional temporary allowable</i>
cónico,-ca <i>adj</i> conical conic (projection) <i>nf</i> conic section	contornar or contornear <i>vtr</i> to sketch or trace the outline of to skirt, pass around
conificación <i>nf</i> water coning	contorno <i>nm</i> outline, contour periphery <i>c. estructural structural contour</i>
coniforme <i>adj</i> cone shaped	contracañón <i>nm</i> [Méx] gallery driven into the footwall side of a vein
conileno <i>nm</i> conylene	contracción <i>nf</i> contraction, shrinking
conjulado,-da <i>adj</i> conjugate	contracielo <i>nm</i> [Méx] raise, upraise <i>c. de acceso</i>
conjunción <i>nf</i> conjunction	manway raise <i>c. escalonado stope raise</i> <i>c. piloto pilot raise</i> <i>c. ramal branch or cutout raise</i>
conjunto <i>nm</i> suite assemblage <i>c. de estratos</i> sedimentary complex	contraconducto <i>nm</i> counterchute
cono <i>nm</i> cone <i>c. acandilado</i> spatter or drip cone <i>c. adventicio</i> adventive cone, parasitic cone <i>c. aluvial</i> alluvial fan <i>c. compuesto</i> compound cone <i>c. de agua</i> water coning <i>c. de cenizas</i> cinder cone <i>c. de deyección</i> alluvial fan <i>c. de erupción</i> eruption cone <i>c. de lava</i> lava cone, shield volcano <i>c. parásito</i> parasite cone <i>c. piroclástico</i> pyroclastic cone	contracorriente <i>nf</i> countercurrent, eddy, reverse current <i>a c. upstream</i>
conodonto <i>nm</i> conodont	contraerse <i>vpr</i> to contract, shrink
conoide <i>nm</i> conoid	contrafilón <i>nm</i> countervein, counterlode
conquilífero,-ra <i>adj</i> [Sp] containing shells	contraflujo <i>nm</i> countercurrent, eddy
consecuente <i>adj</i> consequent	contramina <i>nf</i> a tunnel connection two mines
consolidación <i>nf</i> consolidation	contrapresión <i>nf</i> back pressure
consolidado,-da <i>adj</i> consolidated	contrastar <i>vtr</i> to assay coins, gold, silver etc.
consolidar <i>vtr</i> to consolidate, compact <i>sin c. unconsolidated</i>	contraste <i>nm</i> assay
consolidarse <i>vpr</i> to settle, become compact	contrata <i>nf</i> [Pe] a system of debt servitude in mining in the 19th century which later evolved into a bonifie system of contract labor
constante <i>nm</i> constant <i>c. de gravitación</i> gravitational constast	contrato <i>nm</i> contract <i>c. de avío</i> credit for working a mine <i>c. de reembolso</i> bottom hole contract <i>c. llave en mano</i> turnkey contract
constricción <i>nf</i> constriction	contravena <i>nf</i> countervein
consumido <i>nm</i> [Méx] mercury lost in the <i>patio</i> process of amalgamation of silver ores	contraveta <i>nf</i> countervein
contacto <i>nm</i> contact <i>c. de transición</i> gradational contact <i>c. gradual</i> gradational contact <i>c. neto</i>	convección <i>nf</i> convection
sharp contact <i>c. pronunciado</i> sharp contact <i>c. sedimentario</i> sedimentary contact <i>c. tectónico</i>	convergencia <i>nf</i> convergence <i>c. en ley</i> convergence in distribution or law <i>c. en probabilidad</i> convergence in probability
tectonic contact	convergente <i>adj</i> convergent, converging
	convexidad <i>nf</i> convexity
	convexo,-xa <i>adj</i> convex
	convolución <i>nf</i> convolution
	coordenada <i>nf</i> coordinate <i>c. cartesiana</i> Cartesian coordinate <i>c. de simetría cinemática</i>

kinematic symmetry cleavage <i>c. de simetría de pliegue</i> fold symmetry cleavage <i>c. estructural</i>	coronación <i>nf</i> crest
fabric symmetry cleavage <i>c. tecto-textural de simetría</i> fabric symmetry cleavage	coronamiento <i>nm</i> crest, top
copal <i>nm</i> copalite, mineral resin <i>c. de congo</i>	corral <i>nm</i> a land measure of 5.857 hectares
congo copal	corrección <i>nf</i> correction <i>c. de bouguer</i> bouguer correction <i>c. estática</i> static correction
copalillo <i>nm</i> [Batopilas, Méx] sphalerite	corredero <i>nm</i> [Col] ancient, abandoned river bed
[Zacatecas, Méx] cerussite	corredura <i>nf</i> flow, overflow
copaquira <i>nf</i> copper or nickel sulfate,	corregir <i>vtr</i> to correct, adjust (instruments)
melanterite	correlación <i>nf</i> correlation <i>c. de los rangos</i> rank correlation <i>c. ilusoria</i> false correlation <i>c. lineal</i> linear correlation <i>c. múltiple</i> multiple correlation <i>c. parcial</i> partial correlation <i>c. serial</i> serial correlation
copela <i>nf</i> cupel	correlograma <i>nm</i> correlogram
copelación <i>nf</i> cupellation	correntada <i>nf</i> current (of a river, etc.)
copelar <i>vtr</i> to assay by cupellation, cupel	corrental <i>nm</i> current (of a river, etc.)
copete <i>nm</i> crest	correr <i>vtr</i> to run or flow, as for rivers, etc. to run a survey <i>c. una línea</i> [surv] to run a line <i>c. niveles</i> [surv] to run levels
copey <i>nm</i> [Ec] bitumen	correspondido <i>nm</i> ratio of mercury consumed to silver produced in the <i>patio</i> process of amalgamation of silver ore
coprogéno,-na <i>adj</i> coprogenic	corrido,-da <i>adj</i> continuous lineal, running <i>nf</i> run, travel strike of a vein [surv] a run of levels [Bol] drift, float [Ch] couthcrop <i>nf</i> [Bol] drift which follows the course of a vein
coprolito <i>nm</i> coprolite	corriente <i>adj</i> running, flowing <i>nf</i> current stream, flow course of a river <i>c. abajo</i> upstream <i>c. arriba</i> upstream <i>c. cataclinal</i> cataclinal stream <i>c. de convección</i> convection current <i>c. de densidad</i> density current <i>c. de remolino</i> [Arg] eddy current <i>c. de rompiente</i> rip current <i>c. de turbiedad</i> turbidity current <i>c. de turbidez</i> turbidity current <i>c. efluente</i> effluent stream <i>c. fluvial</i> stream <i>c. freática</i> subsurface flow <i>c. litoral</i> longshore current <i>c. sedimentadora</i> aggrading stream <i>c. turbia</i> turbidity current
coque <i>nm</i> coke <i>c. amorfo</i> amorphous coke <i>c. de petróleo</i> petroleum coke <i>c. de retorta</i> gas coke	corrimiento <i>nm</i> landslide, sliding overthrust <i>c. aparente</i> apparent slip <i>c. horizontal</i> horizontal thrust
coquería <i>nf</i> coking plant	corromperse <i>vpr</i> to decompose
coquificación <i>nf</i> coking	corrosivo,-va <i>adj</i> corrosive
coquificar <i>vtr</i> to coke	corroyente <i>adj</i> corrosive, abrasive
coquización <i>nf</i> coking	corrugación <i>nf</i> corrugation <i>c. intraformacional</i> intraformational corrugation
coquizar <i>vtr</i> to coke	corrugado,-da <i>adj</i> corrugated
coraliano,-na <i>adj</i> Corallian	cortada <i>nm</i> cut or working
corálico,-ca <i>adj</i> [Vz] coral	cortafierro <i>nm</i> cold chisel
coraliense <i>adj</i> Corallian	cortafrío <i>nm</i> cold chisel
coralífero,-ra <i>adj</i> coraliferous	
coraliforme <i>adj</i> coraliform	
coralígeno,-na <i>adj</i> coral	
coralino,-na <i>adj</i> coraline, coral-red	
cordado,-da <i>adj</i> ropey	
cordel <i>nm</i> a measure of length a measure of area	
cordillera <i>nf</i> mountain range <i>c. divisoria</i> divide	
cordón <i>nm</i> [Arg, Ch] mountain chain <i>c. de cerros</i> range of hills <i>c. estratigráfico</i> shoestring sand	
cori <i>nm</i> [Bol, Pe] gold	
cori-bronce <i>nm</i> [Potosí, Bol] chalcopyrite	
corindón <i>nm</i> corundum	
cornalina <i>nf</i> cornelian chalcedony	
cornamusa <i>nf</i> [Pe] earthen retort	
corneana <i>nf</i> hornfels	
cornelina <i>nf</i> cornelian chalcedony	
córneo,-ea <i>adj</i> horny	
cornerina <i>nf</i> cornelian chalcedony onyx	
cornubianita <i>nf</i> hornblende	
coro-coró <i>nm</i> [Bol] native copper	
corona <i>nf</i> rim <i>c. albítica</i> albitic rim	

cortahierro <i>nm</i> cold chisel	coyote <i>nm</i> working area during block caving
cortanúcleos <i>nmpl</i> core bit, core drill	cracoiano,-na <i>adj</i> Cracoian
cortar <i>vtr</i> to cut <i>c. alturas</i> to trench a vein at the surface, stoping downwards as far as practical <i>c. sogas</i> to abandon a mine	cracoicense <i>adj</i> Cracoian
cortarse <i>vpr</i> to be cut off, as for a vein	craquear <i>vtr</i> [Arg] to crack (petroleum)
cortaveta <i>nf</i> [Bol] drift which intersects a vein at an angle	craqueo <i>nm</i> [Arg] cracking <i>c. al vapor</i> steam cracking <i>c. catalítico</i> catalytic cracking <i>c. térmico</i> thermal cracking
corte <i>nm</i> cut off cutting working face, cut section cut or opening to an ore deposit or mine stope [Col] surface workings of a placer <i>c. de pozo</i> drill cutting <i>c. de préstamo</i> borrow pit <i>c. de roca</i> thin section <i>c. geológico</i> geologic cross-section <i>c. transversal</i> cross section <i>c. y relleno</i> cut and fill	cráter <i>nm</i> crater of a volcano <i>c. adventicio</i> adventive crater <i>c. de explosión</i> explosion crater <i>c. de meteorito</i> meteor crater <i>c. inundado</i> maar <i>c. parásito</i> or <i>parásitico</i> parasitic crater
corteza <i>nf</i> crust <i>c. helada permanente</i> permafrost <i>c. terrestre</i> earth's crust	cratógeno <i>nm</i> craton
corundo <i>nm</i> corundum	crece <i>nm</i> [Ch] flood
corvadura <i>nf</i> curvature	crecer <i>vtr</i> to rise, swell (river) to increase
cosedimentación <i>nf</i> cosedimentation	crecido,-da <i>adj</i> in flood <i>nf</i> flood
cosolete <i>nm</i> escutcheon	creciente <i>nm</i> flood, rise <i>c. de la marea</i> flood tide
coseno <i>nm</i> cosine	crecimiento <i>nm</i> flooding, rising growth <i>c. exponencial</i> exponential growth <i>c. lineal</i> linear growth <i>c. logístico</i> logistic growth
costa <i>nf</i> coast, shore <i>c. acantillada</i> steep coast <i>c. alta</i> mountain coast <i>c. de emersión</i> emergence coast <i>c. de sumersión</i> submergence coast <i>c. playa</i> low coast	crema <i>nf</i> cream (color)
costado <i>nm</i> side of a pit, tunnel or shaft	crenulado,-da <i>adj</i> crenulate, crenulated
costal <i>nm</i> [Méx] ore-sack of 150 pound capacity	cresta <i>nf</i> crest <i>c. de gas</i> gas cap <i>c. dentada</i> hogback <i>c. divisadora</i> divide <i>c. monocinal</i> hogback
costalera <i>nf</i> ore-sacks (collectively)	crestería <i>nf</i> hogback, ridge watershed line
costanero,-ra <i>adj</i> coastal <i>nf</i> slope	crestón <i>nm</i> outcrop outcrop of a vein or deposit that stands above the ground surface crest
coste <i>nm</i> cost <i>c. de extracción</i> extraction cost, lifting cost <i>c. de taponamiento</i> plug-back cost <i>c. intangible</i> intangible cost	creta <i>nf</i> chalk
costeable <i>adj</i> [Méx] workable at a profit, payable	cretáceo,-cea <i>adj</i> Cretaceous
costeño,-ña <i>adj</i> coastal	cretácico,-ca <i>adj</i> Cretaceous
costero,-ra <i>adj</i> coastal, nearshore	cretoso,-sa <i>adj</i> chalky
costero <i>nm</i> side of a mineral deposit	criadero <i>nm</i> ore deposit, vein, seam or shoot genesis of ore deposits [Ch] matrix [Col] gold found in the heads of streams [Méx] chamber deposit <i>c. bolsada</i> irregular deposit <i>c. de contacto</i> contact metasomatic or skarn deposit <i>c. de petróleo</i> oil pool <i>c. detritíco</i> alluvial deposit <i>c. en árbol</i> deposit that branches like a tree <i>c. en capa</i> stratiform deposit <i>c. en filón</i> veins of considerable extent <i>c. en veta</i> vein deposit <i>c. en manto</i> bedded vein deposit <i>c. en masa</i> irregular deposit <i>c. en saca</i> irregular, sack-like deposit <i>c. engabarrado</i> disseminated deposit <i>c. irregular</i> irregular deposit <i>c. en riñones</i> small, irregular deposits
cotación <i>nf</i> elevation	criba <i>nf</i> screen, grizzly, riddle <i>c. hidráulica</i> jig, jiggling table
coto <i>nm</i> boundary marker <i>c. minero</i> group of mines	
covacha <i>nf</i> small cave	
covadera <i>nf</i> guano deposit	
covariancia <i>nf</i> covariance	
covelina <i>nf</i> covellite	

cribado,-da *adj* crible, cribiform | jigged, concentrated on a jiggling table | *nm* sieving, sifting, screening | *nm* screening | [Sevilla, Sp] screened coal 30 to 100 mm in size
cribador,-ora *adj* sieving, sifting, screening | *nm* ore screen | siever, sifter, screener
cribadura *nm* sieving, screening or jiggling of ore
cribar *vtr* to screen, sieve, jig or sift
cribón *nm* grizzly
cribosio,-sa *adj* crible, cribiform
crinoide *nm* crinoid
crioconito *nm* cryoconite
criógeno,-na *adj* cryogene
criptoclástico,-ca *adj* cryptoclastice
criptocristalino,-na *adj* cryptocrystalline
criptógeno,-na *adj* cryptic
criptomagmático,-ca *adj* cryptomagmatic
criptómera *nf* cryptomere, aphanitic rock
criptón *nm* krypton
criptovolcánico,-ca *adj* cryptovolcanic
crisoberilo *nm* chrysoberyl
crisócola *nf* chrysocolla | borax
crisol *nm* assay or smelting crucible | hearth (of a furnace)
crisolada *nf* charge of a crucible
crisólita *nf* chrysolite
crisólito *nm* chrysolite
crisoprasa *nf* chrysoprase
crisótilo *nm* chrysotile
cristabalita *nf* cristabolite
cristal *nm* crystal | *c. de roca* rock crystal | *c. mineral* dissolved salt
cristalillo *nm* hyaline quartz | crystallized salts
cristalinidad *adj* crystallinity
cristalino,-na *adj* crystalline
cristalito *nm* crystallite
cristalización *nf* crystallization
cristalizador,-dora *adj* crystallizing
cristalizante *adj* crystallizing
cristalizar *vtr/intr/pr* to crystallize
cristaloblastosis *nf* crystalloblastosis
cristaloblástico,-ca *adj* crystalloblastic
cristalofísica *nf* crystal physics
cristalografía *nf* crystallography
cristalográfico,-ca *adj* crystallographic
cristaloide *adj/nm* crystalloid
cristaloideo,-dea *adj* crystalloidal
cristalóptica *nf* crystal optics
criterio *nm* criteria | *c. de rechazo* rejection criteria
crocoísa *nf* crocoite

crocoisita *nf* crocoite
cromato *nm* chromate | *c. de hierro* chromite
crómico,-ca *adj* chromic, chrome-bearing
cromita *nf* chromite (ore)
cromito *nm* chromite (chemical)
cromo *nm* chromium, chrome
cromocre *nm* chrome ocher
cromoferrita *nf* chromite
cromo *nm* chrome
cronoestratigráfico,-ca *adj* chronostratigraphic
cronología *nf* chronology
cronológico,-ca *adj* chronological
croquis *nm* sketch | rough draft
cruce *nm* [Bol] intersection of two galleries or drifts
crucero *nm* jointing | cleavage | [Bol] intersection of two galleries or drifts | *c.*
astilloso pencil cleavage | *c. básico* basal cleavage | *c. de intersección* pencil cleavage | *c. de plano axil* axial plane cleavage | *c. de roca* cleavage, rock cleavage | *c. en abanico* cleavage fan | *c. espaciado* spaced cleavage | *c. ondulado* crenulation cleavage | *c. pizarroso* slaty cleavage | *c. verdadero* slaty cleavage
cruciforme *adj* cruciform
crudo,-da *adj* crude, untreated | hard (water) | *nm* crude oil | *c. de equidad* equity crude | *c. dulce* sweet crude
cruzado,-da *adj* crossed or cut by another | *nf* crosscut
cruzador *nm* cross vein
crudeza *nf* hardness (of water)
cruz *nf* intersection of veins
cruzamiento *nm* crosscutting of veins
cruzante *nm* vein that cuts another
cruzar *vtr* to cross, cut or traverse
cuaderno *nm* field book, notebook | *c. de nivelación* level book
cuadra *nf* a measure of length of one quarter of a mile
cuadrado,-da *adj* square | *nm* square | *c. latino* Latin square | *c. medio* mean square
cuadrángulo *nm* quadrangle
cuadrante *nm* quadrant (of a circle)
cuadrático,-ca *adj* quadratic
cuadrícula *nf* grid, cross ruling
cuadrículado,-da *adj* grid, in squares | *nm* grid, cross ruling
cuadrricular *vtr* to grid
cuadrilla *nf* gang, party, crew | *c. de perforación* drilling crew

cuadrivalente <i>adj</i> quadrivalent	cuba <i>nf</i> vat <i>c. de cianuración</i> cyanidization vat
cuadro <i>nm</i> table shaft <i>c. periódico</i> periodic table	cubaje <i>nm</i> volume
cuajado <i>nm</i> [Méx] silver-bearing lead ore	cubierta <i>nf</i> cover
cuajar <i>vtr</i> to evaporate brine	cubeta <i>nf</i> [Vz] trough, downfold, syncline, basin <i>c. cerrada</i> basin <i>c. marina</i> ocean basin
cuajarse <i>vpr</i> to coagulate, cake	cubetada <i>nf</i> bucketfill
cuaje <i>nm</i> total evaporation of brine	cubetadraga <i>nf</i> dragline bucket
cualitativo,-va <i>adj</i> qualitative	cubicación <i>nf</i> computation of volume
cuántico,-ca <i>adj</i> quantum, quantic	cubicaje <i>nm</i> volume
cuantificación <i>nf</i> quantification	cubicar <i>vtr</i> to block out (ore) to compute volume
cuantificar <i>vtr</i> to quantify to quantize	cúbico,-ca <i>adj</i> cubic
cuantila <i>nf</i> quantile	cubierta <i>nf</i> cover, overburden
cuantitativo,-va <i>adj</i> quantitative	cubierto <i>nm</i> cover, overburden <i>c. fluvoglacial</i> galcial cover <i>c. moderno</i> recent cover
cuanto <i>nm</i> quantum	cubilote <i>nm</i> cupola
cuarache <i>nm</i> [Guanajuato, Méx] clay selvage around a vein	cubo <i>nm</i> cube
cuarcífero,-ra <i>adj</i> quartz-bearing, quartziferous	cubreobjeto <i>nm</i> cover glass, cover slip
cuarcita <i>nf</i> quartzite <i>c. feldespática</i> arkosite	cubrir <i>vtr</i> to cover
cuarcítico,-ca <i>adj</i> quartzitic	cucúrbita <i>nf</i> retort
cuarta <i>nf</i> fourth quadrant a linear measure of one fourth of a <i>vara</i>	cucurucho <i>nm</i> peak, summit, top
cuarteadura <i>nf</i> crack, split, fissure	cucharadraga <i>nf</i> [Ec] dragline bucket
cuartear <i>vtr</i> to break rock with a sledge hammer to	cuchareo <i>nm</i> baling (of a well)
quarter to crack <i>vpr</i> to crack, split	cuchilla <i>nf</i> knife-edged or sharp ridge mountain crest mountain range outrunner or branch of a <i>sierra</i> line of hills
cuarteo <i>nm</i> crack, fissure splitting, dividing into parts [Méx] piecework	cuele <i>nm</i> driving, sinking (workings)
cuarterón <i>nm</i> [Méx] a liquid measure of 25 liters	cuelga <i>nf</i> [Ch, Col] slope, grade (of a river)
cuarteta <i>nf</i> [Ch] a measure of area	cuenca <i>nf</i> basin watershed, river drainage system valley trough, graven <i>c.</i>
cuartila <i>nf</i> quartile	alimentadora watershed <i>c. carbonífera</i> coal basin <i>c. cerrada</i> closed basin <i>c. de alimentación</i> watershed <i>c. de drenaje</i> drainage basin or area <i>c. de fallas</i> graben <i>c. de sedimentación</i> sedimentation basin <i>c. fluvial</i> river basin <i>c. hidrográfica</i> drainage basin <i>c. hullera</i> coal basin <i>c. imbrífera</i> [Arg, Ur] watershed <i>c. marginal</i> marginal basin <i>c. marina</i> sea basin <i>c. petrolífera</i> oil pool <i>c. recolectora</i> watershed <i>c. rocosa</i> rock basin <i>c. sedimentaria</i> sedimentary basin <i>c. submarina</i> submarine basin <i>c. tributaria</i> watershed
cuartilla <i>nf</i> one fourth of an <i>arroba</i> , one-sixteenth of a <i>quintal</i>	cuenco <i>nm</i> pool, basin
cuartillo <i>nm</i> a measure of volume of one fourth of a <i>fanega</i> or <i>real</i>	cuero <i>nm</i> body or mass of rock or mineral orebody <i>c. de agrimensores</i> survey party <i>c. de beneficio</i> ore body <i>c. de brecha hidrotermal</i> hydrothermal breccia body <i>c. de filón</i> or <i>c. veta</i> branch of a vein <i>c. del alto</i> hanging wall branch of a vein <i>c. del bajo</i> footwall branch of a vein <i>c. del enmedio</i> branch of a vein between the footwall and hanging wall <i>c. intrusivo</i>
cuartón <i>nm</i> boulder [Méx] flagstone	
cuarzo <i>nm</i> quartz <i>c. ahumado</i> smokey quartz <i>c. alfa</i> alpha quartz <i>c. amarillo</i> cairngorm stone <i>c. bastardo</i> bull quartz <i>c. beta</i> beta quartz <i>c. cariado</i> rotten quartz <i>c. citrino</i> topaz <i>c. ferruginoso</i> iron stained quartz <i>c. hialino</i> hyaline quartz <i>c. hialino verde</i> sinople <i>c. lechoso</i> milky quartz <i>c. listado</i> ribboned quartz <i>c. macho</i> [Col] quartz barren of ore <i>c. porfidico</i> [Pe] hornstone <i>c. radiado</i> cross-course spar <i>c. rosado</i> rose quartz <i>c. tabular</i> laminar quartz	
cuarzodiorita <i>nf</i> quartz diorite	
cuarzomonzonita <i>nf</i> quartz monzonite	
cuarzoso,-sa <i>adj</i> quartzose	
cuaternario,-ria <i>adj</i> Quaternary	
cuaterno,-na <i>nf</i> quaternary	

- intrusive body | *c. magmático* boss, stock | *c. mineralizado* ore shoot
- quesco** *nm* core | [Méx] coarse ore
- cuesta** *nf* abrupt grade, elevation | rise | hill | slope | *c. abajo* downhill, downslope | *c. arriba* uphill
- cueto** *nm* high crag, rocky peak
- cueva** *nf* cave | *c. vieja* [Minglanilla, Sp] large chambers resulting from the excavation of salt
- cuisiano,-na** *adj* Cuisian
- cuisense** *nm* Cuisian
- culminación** *nf* culmination
- cumbre** *nm* summit, top, ridge, peak, crest
- cumbrera** *nf* summit, top, ridge
- cumulante** *nm* cumulant
- cúmulo** *nm* accumulation, pile, heap | irregular deposit or mass | stockwork
- cumuri** *nm* owner of *llamas* or *burros* employed to transport ore
- cuneta** *nf* small trench
- cuniforme** *adj* cuniform, cuneate, wedge-shaped
- cuña** *nf* wedge | *c. de hielo*
- cuota** *nf* allowable, quota, share | *c. suplementaria* discovery well allowable
- cúprico,-ca** *adj* cupric
- cuprífero,-ra** *adj* copper-bearing, cupriferous
- cuproso,-sa** *adj* cuprous
- cúpula** *nf* cupola, dome, roof | *c. de lava* lava dome
- curi** *nm* [Ec] gold
- curiche** *nm* [Bol] lake, pool
- curso** *nm* course | stream | *c. antecedente* antecedent stream | *c. consecuente* consequent stream | *c. desplazado* offset stream | *c. efluente* effluent stream | *c. influente* influent stream | *c. pirata* pirate stream | *c. ramificado* braided stream | *c. sobrepuerto* superimposed stream | *c. subsecuente* subsequent stream
- curva** *nf* curve | *c. acampanada* bell(-shaped) curve | *c. acumulada* cumulative frequency distribution | *c. bimodal* bimodal curve | *c. de declinación* decline curve (oil or gas production) | *c. de las frecuencias acumuladas* cumulative frequency distribution | *c. de nivel* contour line | *c. de vaporización* flash curve | *c. en J* J-curve | *c. en u* U-shaped curve | *c. familiar* family curve (average of decline curves for several wells) | *c. isóbata* depth contour | *c. unimodal* unimodal curve
- curvación** *nf* curvature
- curvar** *vtr* to bend, curve
- curvatura** *nf* curvature, warp
- curvilíneo,-nea** *adj* curvilinear
- cúspide** *nf* peak, summit | apex
- cuspilito** *nm* beach cusp

CH

chabarco *nm* [León, Sp] pond, lake
chabasia *nf* chabazite
chabasita *nf* chabazite
chabisque *nm* [Aragón, Sp] mud
chacal *nm* [Pe] graphite
chaco *nm* [Bol, Par] plain
chacuaco *nm* [LAm] furnace for reducing Ag ores
chacurruscar *vtr* [Pe] to mix different types of ore
chadacristal *nm* chadacryst, xenocryst
chadroniano,-na *adj* Chadronian
chaemolito *nm* humic coal
chafalonía *nf* wrought silver | scrap gold or silver
chafariz *nm* pool, pond
chagüite *nm* [Hon] swamp | pool, pond
chahuar *vtr* [Bol] to frisk or search a miner for stolen ore
chalchihuitl *nm* [Méx] Aztec word used for any useful green stone, such as jadeite and turquoise
chalchuite *nm* blue or green variety of turquoise | [Méx] jade
chalmersita *nf* cubanite
chalybita *nf* siderite
challantita *nf* ferricopiapite
chamarcal *nm* seasonal swamp
chamba *nf* [Col] pit, ditch or trench | [Ec] sod, turf
chambear *vtr* [Col] to dig a trench, pit or ditch
chameolito *nm* humic coal
chami *nm* [Bol] low grade ore
chamorro,-ra *adj* said of a hill with a summit devoid of vegetation
chamosítico,-ca *adj* chamositic
champa *nf* [Pe] peat
champlainiano,-na *adj* Champlainian | *nm* Champlainian
chamuscar *vtr* [Pe] roasting of ore
chanca *nf* crushing | [Ch, Pe] sorting of ore
chancaca *nf* [Sayapullo, Pe] oxidized ore | [Hualgáyoc, Pe] mixture of oxidized and unoxidized silver ores
chancado *nm* crushed stone | *ch. sin cribar* crusher-run aggregate
chancadora *nf* crusher | *ch. de cono* cone crusher | *ch. de mandíbulas* jaw crusher | *ch. de quijadas*

jaw crusher | *ch. giratoria* gyratory crusher
chancal *nm* glacial moraine
chancar *vtr* [Ch] to crush (minerals) | to grind
chango *nm* [Méx] derrickman, roughneck
chanta *nf* flagstone | slate
chanto *nm* [Galicia, Sp] flagstone
chañarcillita *nf* huntelite | [Ch] Pb-As-Sb minerals such as atacamite, domeykite, huantajayite
chapa *nf* plate, sheet (of metal)
chapapote *nm* [Méx] asphalt, tar, bitumen
chapatal *nm* swamp | muddy ground
chapopote *nm* [Méx] asphalt, tar, bitumen
chapuro *nm* [Arg,Cu] asphalt, tar
charca *nf* pool, pond, small lake
charcal *nm* [Arg,Cu] pond
charco *nm* pool, pond | water hole | puddle in a playa | gulf
charmouthiano,-na *adj* Charmouthian
charmouthense *adj* Charmouthian | *nm* Charmouthian
Charmoutiense *nm* Charmouthian
charnela *nf* hinge (of a fold, etc) | bend, bow | *ch. anticlinal* anticlinal apex or bend | *ch. sinclinal* synclinal bend, trough line
charniano,-na *adj* Charnian | *nm* Charnian
charnockítico,-ca *adj* charnockitic
charque *nm* [Bol] native metal
charquear *vtr* to dewater (a mine)
charqueria *nf* [Ch] native metal in the form of a *charqui*
charquero *nm* drainage ditch
chasa *nf* [Arg] gypsum deposit
chasquear *vtr* [Bol] to move load of ore or waste from one place to another
chassignito *nm* chassignite
chatarra *nf* scrap iron, scrap | slag
chatarrero *nm* scrap dealer
chathamita *nf* iron skutterudite
Chatiense *nm* Chattian
chato,-ta *adj* flat
chatón *nm* large precious stone (used only after it is set)
chatoyante *nm/adj* chatoyant
chattiano,-na *adj* Chattian
chattiense *adj* Chattian | *nm* Chattian
Chautauquiense *nm* Chautauquan
chauti *nm* [Méx] clay
chautoso,-sa *adj* [Méx] clayey
Chaziense *nm* Chazyan
chchamear or **ch'amear** *vtr* [Bol] to high grade a

vein, mine selectively	[Almadén, Sp] low grade mercury ore
chchipa or ch'ipa <i>nf</i> [Bol] rock difficult to drill	chinapo <i>nm</i> [Méx] obsidian
chekao <i>nm</i> barite	chinarro <i>nm</i> boulder pebble, cobble
Chemungiano <i>nm</i> Chemungian	chinata <i>nf</i> [Cu] pebble, cobble
chengbolita <i>nf</i> moncheite	chinazo <i>nm</i> large pebble, cobble, stone
chertificación <i>nf</i> chertification	chingana <i>nf</i> underground cave or passage
cherusko-acádico,-ca <i>adj</i> fourth order folding	chingarse la veta <i>vtr</i> loss, displacement or petering out of a vein (not for proper company)
chessylita <i>nf</i> azurite	chinidina <i>nf</i> glue used for thin sections
Chesteriano <i>nm</i> Chesterian	chini-liga <i>nf</i> [Potosí, Bol] variety of silver- bearing galena
Chesteriense <i>nm</i> Chesterian	chinilla <i>nf</i> small pebble
chiastolítico,-ca <i>adj</i> chiastolitic	chinkolobwita <i>nf</i> sklodowskite
chico <i>nm</i> [Bol] piece of unusually high grade ore, usually sold to mine owner	chino <i>nm</i> pyrite chalcopyrite cobble [PR] boulder
chicuite <i>nm</i> small bucket used for raising ore	chinoita <i>nf</i> libethenite
chicharrón <i>nm</i> [Cu] a type of silver currency [Col] gold nugget [Hualgáyoc, Pe] wad [Cerro de Pasco, Pe] local variety of sandstone	chiquero <i>nm</i> [Cu] crib, cribwork
chicharrones <i>nmpl</i> tailings	chirola <i>nf</i> [Arg, Bol] a silver coin equivalent to 20 centavos
chichicle <i>nm</i> [Méx] amethyst	chiscarra <i>nf</i> deeply weathered and decomposed limestone [Cartagena] trachyte usefull as a guide to lead ore
chichitle <i>nm</i> [Méx] amethyst	chispa <i>nf</i> very small diamond [Bol] very fine grained gold or other ore
Chideruano <i>nm</i> Chideruan	chispa-chispeada <i>nf</i> [Batopilas, Méx] native silver in thin wire or leaf ore containing one- third silver
chifle <i>adj</i> still, stagnant	chispeado <i>nm</i> [Yauli, Pe] tetrahedrite
chiflón <i>nm</i> chamber in a mine flume rockslide rock fall in a mine inclined gallery [Arg, Cu] waterfall [Bol] ventilation shaft [Ch] rapids [Col] spring, source <i>ch.</i> <i>de agua</i> water jet	chiva <i>nm</i> [Méx] claw bar
chile <i>nm</i> [Méx] refractory clay [Pe] deepest part of a mine working that folows the dip of a vein	chladnita <i>nf</i> chladnite (mineral)
chile-loeweita <i>nf</i> humberstonite	chladnito <i>nm</i> chladnite (meteorite)
chilenita <i>nf</i> bismuth-bearing native silver	chloanthita <i>nf</i> nickel-skutterudite
chileno <i>nm</i> edge or Chilean mill	choclo de oro <i>nm</i> a mass of native gold in matrix
chilisalpeter <i>nm</i> Chile salpeter	choco,-ca <i>adj</i> dark red
chilpear <i>vtr</i> [Bol] to sampla a load of ore using a <i>punta</i>	chocolate <i>adj</i> chocolate brown
chiltonita <i>nf</i> prehnite	chompa <i>nf</i> [Vz] churn drill
chiluca <i>nf</i> [Méx] hornblende trachyte porphyry or trachyandesite porphyry used as a building stone	chondrítico,-ca <i>adj</i> chondritic
chillagita <i>nf</i> tungstenian wulfenite	chondrito <i>nm</i> chondrite
chimaltzatl <i>nm</i> [Méx] talc	chondrodita <i>nf</i> chondrodite
chimba <i>nf</i> [Ch, Pe] ford	chóndrulo,-la <i>adj</i> chondritic
chimbo <i>nm</i> [Hon] smelting furnace	chonolito <i>nm</i> chonolith
chimbazita <i>nf</i> aragonite	choque <i>nm</i> shock, jolt <i>ch. sísmico</i> seismic shock
chimenea <i>nf</i> pipe, chimney shaft ascending gallery <i>ch. central</i> central shaft on an oil production platform <i>ch. de ascenso</i> channel of ascent <i>ch. de extracción</i> drawhole <i>ch.</i> <i>volcánica</i> volcanic pipe	chorlo <i>nm</i> schorl or black tourmaline jetstone
china <i>nf</i> small stone, cobble or pebble	chorreadero <i>nm</i> [Méx] ore chute loose or running ground
	chorreón <i>nm</i> [Cu] small waterfall
	chorrera <i>nf</i> [Bol] part of a mine subject to flooding [Méx] abandoned stope ore shoot
	chorro <i>nm</i> jet spring, source <i>ch. de agua a</i> <i>presión</i> jet of pressurized water <i>ch. padrón</i>

[Ch] fault, master fault	sodium chloride
chorroborro <i>nm</i> alluvium diluvium	chulano <i>nm</i> a hole drilled upwards
chortal <i>nm</i> small lake or pool fed by a spring	chumba <i>nf</i> [Bol] sphalerite any mineral that
choy <i>nm</i> [Méx] variety of soft shale	looks similar to sphalerite
chozola <i>nf</i> river bend	chumbe <i>nm</i> [Bol, Pe] sphalerite any mineral
christensenita <i>nf</i> tridymite	that looks similar to sphalerite
christophita <i>nf</i> marmatite, iron sphalerite	chumpi <i>nm</i> magnetite [Bol] platinum
chuá <i>nf</i> [Bol] flat, rounded plate used in collecting ore samples	chungita <i>nm</i> shungite (var graphite)
chuca <i>nf</i> [Ch] friable layer of sand and gypsum overlying <i>costra</i> and <i>caliche</i>	chupón <i>nm</i> glory hole
chuco <i>nm</i> [Ch] upper part of a caliche deposit consisting mainly of sodium sulfate and	churumbella <i>nf</i> [Col] altered felsite wall rock
	chuzo <i>nm</i> [Ch] crowbar

D

dacítico,-ca *nf* dacitic
 danense *adj* Danian
 danés *adj* Danian
 daniano,-na *adj* Danian
 daniense *adj* Danian
 darcy *nm* darcy
 data *nf* date
 datación *nf* dating, age determination
 datar *vtr* to date, put a date on | *vintr* to date
 dato *nm* fact, datum, record, piece of information | *nmpl* data, facts, information
 débil *adj* weak
 debilidad *nf* weakness
 decaedro *nm* decahedron
 decano *nm* decane
 decantación *nf* decantation | *d. selectiva*
 selective decantation
 decapitación *nf* stream capture
 decila *nf* decile
 declinación *nf* declination | *d. de la aguja* or *magnética* deviation from magnetic north
 declive *nm* inclination, slope, incline, declivity, dip, pitch | *en d.* sloping, on a slope
 declividad *nf* slope
 dedo *nm* twelfth part of a *palmo*, twenty-eighth part of a *vara*
 defecto *nm* defect | *d. de estructura* crystal defect | *d. de masa* mass defect
 deflación *nf* deflation
 deflexión *nf* deflection | *d. de la aguja* magnetic deviation
 deformación *nf* deformation | strain
 deformar *vtr* to deform | to strain
 degradación *nf* degradation, erosion
 degradar *vtr* to degrade
 dejar respaldo *vtr* [Pe] to leave ore in the wall-rock of a mine
 deleznable *adj* brittle, friable, crumbly
 deleznamiento *nm* slakings
 deleznar *vtr* to crumble
 delineado,-da *adj* blocked-out (ore)
 delinear *vtr* to block out (ore)
 delta *nm* delta | *d. continental* inland delta | *d. glaciárico* kame delta | *d. marino* marine delta
 deltaico,-ca *adj* deltaic
 demantoide *adj* demantoid, uralian emerald
 demarcación *nf* demarcation
 demarcador,-dora *nf* demarcating, of

demarcation
 demarcar *vtr* to demarcate, delimit, mark out
 demasias *npl* [Bol] land falling outside of existing mining claims
 dendriforme *adj* dendroid
 dendrita *nf* dendrite
 dendrítico,-ca *adj* dendritic
 dendroide *adj* dendroid
 dendroideo,-dea *adj* dendroid
 densidad *nf* density | *d. API* API gravity | *d. de probabilidad* probability density | *d. natural* natural (rock) density | *d. relativa* relative density, specific gravity
 densímetro *nm* densimeter
 dentado,-da *adj* jagged, serrated, toothed | dentate
 dentellado,-da *adj* jagged, serrated, toothed | dentate
 denticulado,-da *adj* toothed
 denudación *nf* erosion, denudation
 denudar *vtr* to erode, denude
 denuncia *nf* petition for a mining claim
 denunciar *vtr* to obtain legal possession to a mining claim
 depleción *nf* depletion
 deposición *nf* deposition
 depositar *vtr* to deposit | *vpr* to settle
 depósito *nm* deposit, sediment | deposition | reservoir, tank | *d. aluvial* alluvial deposit | *d. de contacto* contact metamorphic deposit | *d. de minerales* mineral deposit | *d. de metal ore* deposit | *d. estratoligase* stratiform deposit | *d. glaciar* glacial deposit | *d. mural* mural deposit | *d. por deslizamiento* slump | *d. vetiforme* vetiform deposit
 depositación *nf* deposition
 depresión *nf* depression, hollow | gap, pass | *d. litoral* longshore trough
 depuración *nf* purification (of water)
 depurar *vtr* to purify
 derecho,-cha *adj* straight | *nm* grant, concession | *d. de captura* rule of capture | *d. de mina* mineral rights
 derechos *nmpl* tax on ore | *d. de mineraje* royalty | *d. de señoraje* duty formerly paid to the king of Spain on coining gold or silver
 deriva *nf* drift | *d. de (los) continentes* continental drift
 derivar *vtr* to calculate | *vintr* to incline, drift, trend
 derivación *nf* offset

derramamiento *nm* runoff
derramarse *vpr* to overflow, run-off
derrame *nm* declivity, slope, incline | sill |
 overflow, runoff
derretido,-da *adj* melted, molten
derretimiento *nm* melting, thawing
derretir *vtr* to melt, thaw, melt down | *vpr* to
 melt, become molten, thaw
derribar *vtr* to break ground
derribo *nm* breaking ground
derrocado,-da *adj* caved
derrubiar *vtr* to erode, undermine, wash away
derrubio *nm* alluvium | erosion, undermining,
 washing away | *d. estriado* striated pebbles | *d.*
glacial glacial drift
derrumbadero *nm* precipice, cliff
derrumbamiento *nm* caving, collapse of
 workings | landslide | slumping | *d. de tierra*
 landslide
derrumbarse *vpr* to cave in, fall in, collapse
derrumbe *nm* caving, collapse of workings |
 landslide | *d. de montaña* rockfall
derrumbo *nm* precipice | [Col] landslide
desagregación *nf* desaggregation, disintegration
desagregado,-da *adj* disintegrated
desaguadero *nm* drain, outlet
desaguador *nm* drain, canal, outlet
desaguamdo *nm* drainage, draining | drain,
 outlet
desaguar *vtr* to drain, empty, run off | *v intr* to
 flow, drain into | *vpr* to drain
desagüe *nm* drainage, draining | drain, outlet
desahucio *nm* [Bol] annullment of a mining claim
 for failure to pay taxes
desalación *nf* desalinization
desalar *vtr* to desalinate
desalinización *nf* desalinization
desalinizar *vtr* to desalinate
desamontar *vtr* to unpile
desamparar *vtr* to abandon a mine or working
desamparo *nm* abandonment of a mine or
 working
desaparición del mineral *nf* pincning out
desarenar *vtr* [Col] to wash away sand in a
 placer working
desarollar *v tr* develop | to unroll, unfold (a
 map) | *vpr* to develop, be developed | to
 unroll, unfold (a map)
desarollo *nm* development | expansion (of a
 mathematical expression) | unrolling (of a
 map)

desazogadera *nf* retort used to volatilize and
 recover mercury from amalgam
desazogar *vtr* to volatalize and recover mercury
desbarrancadero *nm* precipice
desbocado,-da *adj* overflowing (river)
desbordamiento *nm* overflow, overflowing
desbordar *vintr/pr/tr* to overflow, flood
desborde *nm* overflowing
descalaminado *nm* removal of calamine
descalaminar *vtr* to remove calamine from
descalcificación *nf* decalcification
descalcificar *vtr* to decalcify | *vpr* to become
 decalcified
descarbonatar *vtr* to decarbonate
descarburación *nf* decarbonization,
 decarbonizing
descarburante *adj* decarbonizing, decarburing
 | *nm* decarbonization, decarbonizing
decarburar *vtr* to decarbonate, decarburize
descargar *vtr* to discharge | *vintr* to flow | *d. en*
 to flow into
descendencia *nf* descendence
descendente *adj* downslope
descendiente *adj* descending | descendant,
 descendant
descenso *nm* subsidence
descoagulante *adj* liquefying
descoangular *vtr* to liquify, dissolve
descogollar *vtr* [Col] to work the *cogollo* or
 upper part of a vein
descolorante *adj* bleaching
descolorar *vtr* to bleach | *vpr* to be bleached
descolorido,-da *adj* bleached | *nm* bleaching
descolorimiento *nm* bleaching
descolorir *vtr* to bleach | *vpr* to be bleached
descomponer *vtr/pr* to decompose | to resolve
 (a force) | to split up (a fraction) | to break
 down
descomposición *nf* decomposition | resolution
 (of a force) | factoring
descompresión *nf* decompression
descomprimir *vtr* to decompress
descompuesto,-ta *adj* decomposed
desconcharse *vpr* to spall, exfoliate
describir *vtr* to trace | to describe
descripción *nf* tracing | description
descuajar *vtr/pr* to liquify, dissolve
descubierto,-ta *adj* exposed
descubridor,-ra *adj* discovered
descubrimiento *nm* discovery | *d. en suspensión*
 suspended discovery

descubrir *vtr* to discover
desdoblar *vtr* to unfold (a map)
desecación *nf* dessication, drying | draining (of a marsh)
deseado,-da *adj* dried, dessicated | *nm* drying, dessication
deseador,-dora *adj* drying, dessicating
deseamiento *nm* dessication, drying | draining (of a marsh)
deseante *adj* drying, dessicating
desechar *vtr/pr* to dry up, dessicate | to drain
deseativo,-va *adj* drying, dessicating
desecho *nm* waste rock | very low grade ore | [surv] offset
desembocadura *nf* river mouth, outlet
desembocar *vintr* to flow, run
desenciar *vtr* [Col] to extract ore that remains between two adits
desencofrado *nm* removal of timbering from a mine
desencofrar *vtr* to remove timbering from a mine
desescombrar *vtr* to muck
desescombro *nm* mucking
desfiladero *nm* gorge, narrow pass, defile
desgarramiento *nm* tear, disjunction | [Vz] shattering, breaking up
desgarre *nm* rift
desgasificación *nf* degassing
desgastar *vtr* to abrade, erode, wear away | to corrode
desgaste *nm* abrasion, erosion, wearing away | corrosion
deshelarse *vpr* to melt, thaw (ice in a river)
deshiele *nm* thaw
deshielo *nm* thawing, melting | ablation
desierto *nm* desert | *d. de arena* sand desert | *d. de piedra* rock desert | *d. frío* cold desert | *d. salino* salt desert
desigual *adj* uneven
desigualdad *nf* inequality
desilificación *nf* desilification
desilificar *vtr* desilify
desimanación or **desimantación** *nf* demagnetization
desimanar or **desimantar** *vtr* to demagnetize
desintegración *nf* desintegration, decay | *d. espontánea* spontaneous fission | *d. radioactiva* radioactive or atomic decay
deslava *nm* erosion | alluvium
deslavable *adj* erodible

deslavar *vtr* to erode
desleir *vtr* to dissolve | to dilute | *vpr* to dissolve | to be diluted
desleidura *nf* dissolving | dilution
desleimiento *nm* dissolving | dilution
deslindador *nm* land surveyor
deslindamiento *nm* delimitation, demarcation, marking of boundaries
deslindar *vtr* to mark the boundaries of, delimit, demarcate, survey
deslinde *nm* demarcation
desliz *nf* landslide
deslizamiento *nm* landslide, slide | slip | *d. de faldeo* landslide | *d. de terreno* landslide | *d. laminar* *afín* affine laminar slip | *d. lento* slow slide | *d. total* net slip
deslizarse *vpr* to run, flow | to slip, slide, glide
desmagnetización *nf* demagnetization
desmagnetizar *vtr* to demagnetize
desmenuzable *adj* friable | unstable
desmineralización *nf* demineralize
desmineralizar *vtr* to demineralize
desmontar *vtr* to strip away overburden
desmonte *nm* overburden | waste rock | levelled ground | rubble, excavated soil | excavation | *desmontes de cantera* [Ch] quarry refuse
desmoronamiento *nm* erosion of river banks, etc. | landslide
desmuestre *nm* coring, core sampling
desnitrar *vtr* to denitrify
desnitrificación *nf* denitrification
desnitrificar *vtr* to denitrify
desnivel *nm* unevenness of ground | slope, gradient | difference in height
desnivelado,-da *adj* sloping
despajar *vtr* [Méx] to concentrate ores
despaje *nm* [Méx] mill tailings
despegue *nm* detachment, décollement
despeñadero,-ra *adj* steep, precipitous | *nm* steep face, precipice, cliff
desperdicio *nm* waste | spoil
despilado,-da *adj* robbed of pillars
despilar *vtr* to rob pillars
despilanamiento *nm* robbing of pillars
despinta *nf* [Ch] silver ore assaying less than 50 *diezmilésimos* in grade | [Arg] poorest grade ores, rich in pyrite
desplazado,-da *adj* displaced
desplazamiento *nm* displacement | slip | *d. aparente* apparent displacement or separation |

<i>d. por fase miscible</i> miscible drive	diaclasa <i>nf</i> joint <i>d. de buzamiento</i> dip joint <i>d. de cizalla</i> shear joint <i>d. de contracción</i> joint of retreat <i>d. de cortante</i> shear joint <i>d. de dirección</i> strike joint <i>d. de estratificación</i> bedding joint <i>d. de inclinación</i> dip joint <i>d. de rumbo</i> strike joint <i>d. de tensión</i> tension joint <i>d. de tracción</i> tension joint <i>d. diagonal oblique joint</i> <i>d. oblicua</i> oblique joint
desplazar <i>vtr</i> to displace	diaclasado,-da <i>adj</i> jointed, jointy
despliegue <i>nm</i> deployment <i>d. en cruz</i> cross spread	diaclasado <i>nm</i> jointing <i>d. angular</i> angular jointing
desplome <i>nm</i> collapse <i>d. de montaña</i> rockfall	diaclasamiento <i>nm</i> jointing
despojo <i>nm</i> [Bol] debris [Col] extraction, as from a mine	diafanidad <i>nf</i> transparency
desprender de <i>vtr</i> to separate from	diaftoresis <i>nm</i> diaftoresis
desprendimiento <i>nm</i> landslide	diagénesis <i>nf</i> diagenesis induration
desprovisorio,-ta <i>adj</i> devoid	diagrafía <i>nf</i> logging <i>d. de amplitud</i> amplitude log <i>d. de densidad</i> density log
despueblo <i>adj</i> abandonment (mines) <i>nm</i> abandonment of a mine	diagrama <i>nm</i> diagram <i>d. de barras</i> bar diagram <i>d. de fases</i> phase diagram <i>d. de pozo</i> well log <i>d. de proximidad</i> proximity log <i>d. de sectores</i> pie diagram
despuntador <i>nm</i> pick, pickaxe (miner's)	dialaga <i>nf</i> diagolite
desquebrajado,-da <i>adj</i> cracked, split	diamagnético,-ca <i>adj</i> diamagnetic
desquebrajar <i>vtr</i> to crack, split	diamantado,-da <i>adj</i> diamond-like, diamond
destaje or destajo <i>nm</i> [Bol] contract work, tutwork [Pe] open cut	diamante <i>nm</i> diamond <i>d. brillante</i> brilliant diamond <i>d. bruto</i> rough diamond <i>d. en bruto</i> rough diamond <i>d. falso</i> fake diamond <i>d. negro</i> bort <i>d. rebolludo</i> round rough diamond <i>d. rosa</i> rose diamond <i>d. tabla</i> table diamond <i>d. tallado</i> cut diamond
destilación <i>nf</i> distillation <i>d. al vacío</i> vacuum distillation	diamantífero,-ra <i>adj</i> diamond-bearing, diamond-yielding, diamantiferous
destilado <i>nm</i> distillate	diamantino,-na <i>adj</i> diamond, diamond-like <i>nm</i> [Guanajuato, Méx] veinstone formed of hornfels and crystalline feldspar
desvenar <i>vtr</i> to extract ore from a vein or mine	diamantista <i>nm</i> diamond cutter diamond merchant
desviación <i>nf</i> deviation, departure, deflection <i>d. del pozo</i> side tracking <i>d. media</i> mean deviation	diapiro <i>nm</i> diapir <i>d. salino</i> salt dome
desviarse <i>vpr</i> to deviate, deflect, depart from to branch off	diario <i>nm</i> logbook <i>d. de sondeo</i> drilling journal or record
desvío <i>nm</i> wandering (of a river) vein which meets another, follows it for a short distance and then resumes its normal course	diaspora <i>nf</i> diaspore
desviométrico <i>nm</i> driftmeter	diasporo <i>nm</i> diaspore
desvitrificación <i>nf</i> devitrification	diasquistica <i>nf</i> dischistic, differentiated
desvitrificar <i>vtr</i> to devitrify	diasquisto <i>nm</i> dischistic rock, differentiated dike rock
desvolcanarse <i>vpr</i> [Col] to be covered by a lahar or mudslide to collapse to be destroyed	diastrofismo <i>nm</i> diastrophism
deszafrar <i>vtr</i> to carry away waste from a mine	diastroma <i>nf</i> diastrophism
desviación <i>nf</i> deflection	diatomáceo,-cea <i>adj</i> diatomaceous
detector <i>nm</i> detector <i>d. de agua</i> divining rod <i>d. de gas</i> gas explorer	diatomea <i>nf</i> diatom
deteriorización <i>nf</i> deterioration	diatrema <i>nf</i> diatreme maar <i>d. de explosión</i> diatreme
deterioro <i>nm</i> deterioration	
detritico,-ca <i>adj</i> detritic	
detrito <i>nm</i> detritus <i>d. aluvial</i> alluvium	
deuterico,-ca <i>adj</i> deuteric	
deuterio <i>nm</i> deuterium	
devoniano,-na <i>adj</i> Devonian	
devónico,-ca <i>adj</i> Devonian	
dextroso,-sa <i>adj</i> dextral	
deyección <i>nf</i> ejection of volcanic material ejecta debris	
diabasa <i>nf</i> diabase	
diabásico,-ca <i>adj</i> diabasic	

dicroita <i>nf</i> dichroite	diorita <i>nf</i> diorite <i>d. compacta</i> aphanite <i>d. esquistosa</i> greenstone
dicroísmo <i>nm</i> dichroism	diorítico,-ca <i>adj</i> dioritic
dicroita <i>nf</i> cordierite	dióxido <i>nm</i> dioxide <i>d. de silicio</i> silicon dioxide, quartz
diedro,-ra <i>adj</i> dihedral <i>nm</i> dihedron	dipirámide <i>nm</i> bipyramid
dientes de perro <i>nmpl</i> scalenohedral calcite	dipolo <i>nm</i> dipole
diestro,-ra <i>adj</i> dextral	dique <i>nm</i> dike <i>d. anular</i> ring dike
diezmilésimo <i>nm</i> [Ch] 0.0001 grams of metal in 10 grams of ore	dirección <i>nf</i> strike trend <i>d. local</i> local strike <i>d. media</i> average strike <i>d. principal</i> principal strike
diferencia <i>nf</i> difference <i>d. de latitud norte northing</i> <i>d. de latitud sur</i> southing <i>d. en longitud</i> meridian distance <i>d. en nivel</i> fall, difference in level <i>d. media</i> mean difference	dirigirse <i>vpr</i> to strike or trend
diferenciación <i>nf</i> differentiation <i>d. magmática</i> magmatic differentiation	disco <i>nm</i> disc
diferencial <i>adj</i> differential	discoidal <i>adj</i> disc-shaped
difluencia <i>nf</i> diffluence	disconformidad <i>nf</i> disconformity
difracción <i>nf</i> diffraction	discontinuidad <i>nf</i> discontinuity
difractar <i>vtr</i> to diffract	discontinuo,-nua <i>adj</i> discontinuous
difractivo,-va <i>adj</i> diffractive	discordancia <i>nf</i> unconformity <i>d. angular</i> angular unconformity <i>d. de erosión erosional</i> unconformity <i>d. de plegamiento</i> <i>d. paralela</i> unconformity
difractómetro <i>nm</i> diffractometer	discordante <i>adj</i> discordant
difrangente <i>adj</i> diffractive	disfrutar <i>vtr</i> to work, exploit or profit from a mine, vein, etc.
difundido,-da <i>adj</i> diffuse	disfrute <i>nm</i> working or exploitation of a mine, vein, etc.
difusión <i>nf</i> diffusion scattering	desgregación <i>nf</i> disintegration breaking up
digestión <i>nf</i> assimilation	desgregante <i>adj</i> disintegrating
digitación <i>nf</i> fingering	desgregar <i>vtr</i> to disintegrate
digitado,-da <i>adj</i> digitate, digitated	disimetría <i>nf</i> dysymmetry
dígito <i>nm</i> digit	dislocación <i>nf</i> dislocation, throw or a fault fault <i>d. ascendente</i> upthrow <i>d. circular</i> fault
dilatación <i>nf</i> dilation	pit <i>d. descendente</i> downthrow <i>d. longitudinal</i> strike-slip fault <i>d. periférica</i> circular fault <i>d. rumbeante</i> strike-slip fault <i>d. transversal</i> cross fault <i>d. vertical</i> vertical fault
dilatado,-da <i>adj</i> dilated	dislocado,-da <i>adj</i> displaced, faulted, disrupted
dilatar <i>vtr</i> to dilate	disclocar <i>vtr</i> to displace, fault
dilución <i>nf</i> dilution	disminuación <i>nf</i> decrease
diluido,-da <i>adj</i> dilute	disminuir <i>vtr</i> to decrease
diluir <i>vtr</i> to dilute	disolubilidad <i>nf</i> solubility
diluvio <i>nm</i> flood, deluge	disoluble <i>adj</i> soluble
diluvión <i>nm</i> diluvium	disolución <i>nf</i> solution
dimanar <i>vintr</i> to flow, run	disolvente <i>nm</i> solvent
dinámico,-ca <i>adj</i> dynamic <i>nf</i> dynamics	disolver <i>vtr</i> to dissolve
dinamometamorfismo <i>nm</i> dynamic metamorphism	disperarse <i>vpr</i> to die out (as for a vein)
dinamitación <i>nf</i> well shooting	dispersión <i>nf</i> dispersion <i>d. de la capa</i> irregular surface on a bed
dinal <i>nm</i> weight of gold of 24 quilates or 96 granos weight of silver of 12 dineros or 298 granos	disponerse en <i>vpr</i> to be found, occur
dinero <i>nm</i> twelfth part of a dineral	disposición <i>nf</i> arrangement bedding <i>d. alternante</i> alternation of beds <i>d. concordante</i>
dinosaurio <i>nm</i> dinosaur	
diodo <i>nm</i> diode	
dionisia <i>nf</i> bloodstone (<i>var</i> of jasper) specularite	
diópsida <i>nf</i> diopside	
diópsido <i>nm</i> diopside	
dioptasa <i>nf</i> dioptase	

conformable bedding <i>d. discordante</i>	domo <i>nm</i> dome <i>d. de sal</i> salt dome <i>d. salino</i>
unconformity	salt dome or plug <i>d. volcánico</i> volcanic dome
dispositivo <i>nm</i> layout <i>d. de tiro</i> shot pattern <i>d. simétrico</i> split spread	dorado,-da <i>adj</i> golden <i>nm</i> [Michoacan, Méx]
distorción <i>nf</i> distance <i>d. horizontal de afloramientos</i> normal horizontal separation	chalcopyrite-bearing copper ore
distena <i>nf</i> disthene	dorsal oceánica <i>nf</i> mid-oceanic ridge
distensión <i>nf</i> distension, extension	dosificación <i>nf</i> titration
distribución <i>nf</i> distribution <i>d. cesurada</i>	dosís <i>nf</i> proportion (chemicals)
censored distribution <i>d. compuesta</i> mixture	downtoniano,-na <i>adj</i> Downtonian
distribution <i>d. condicional</i> conditional	downtoniense <i>adj</i> Downtonian
distribution <i>d. de frecuencia</i> frequency	draga <i>nf</i> dredge, dredger, dredging machine
distribution <i>d. de la muestra</i> sample	dragado <i>nm</i> dredging
distribution <i>d. ligada</i> conditional distribution <i>d. marginal</i> marginal distribution <i>d.</i>	dragador,-dora <i>adj</i> dredging <i>nm</i> dredger, dredge
observada observed distribution <i>d. simétrica</i> symmetric distribution <i>d. truncada</i> truncated distribution	dragaje <i>nm</i> dredging
distrícto <i>nm</i> district <i>d. minero</i> mining district	dragalina <i>nf</i> [Sp] dragline
disuelto,-ta <i>adj</i> dissolved	dragalínea <i>nf</i> [Méx] dragline
disyunción <i>nf</i> fracture jointing <i>d. de rocas</i> jointing <i>d. prismática</i> columnar jointing <i>d. tabular</i> tabular jointing	dragar <i>vtr</i> to dredge
divergencia <i>nf</i> divergence	drenaje <i>nm</i> drainage <i>d. efectivo</i> net drainage <i>d. por expansión</i> depletion drive drainage <i>d. por expansión de gas</i> gas cap drive <i>d. por expansión de gas libre</i> gas cap drive <i>d. por gravedad</i> gravity drainage
divergente <i>adj</i> divergent <i>nm</i> divergent	drusa <i>nf</i> druse drusy cavity or vug <i>en d.</i> drusy
división <i>nf</i> joint	dúctil <i>adj</i> ductile
divisoria <i>nf</i> divide <i>d. de vertientes</i> watershed	ductilidad <i>nf</i> ductility
divorcio de las aguas <i>nm</i> divide, ridge	duna <i>nf</i> dune <i>d. continental</i> <i>d. costera</i> coastal dune <i>d. de playa</i> coastal dune <i>d. descendente</i> falling dune <i>d. falciforme</i> barchan dune <i>d. longitudinal</i> longitudinal dune <i>d. parabólica</i> parabolic dune <i>d. seif</i> seif dune <i>d. d. transversal</i> transverse dune <i>trepadora</i> climbing dune
dócil <i>adj</i> free-milling, easily treated	dureza <i>nf</i> hardness <i>d. del agua</i> water hardness
dodecaedro <i>nm</i> dodecahedron	duro,-ra <i>adj</i> hard
dodecaetileno <i>nm</i> dodecatylene	duro <i>nm</i> [Asientos, Méx] hard copper ores with quartz gangue
dodecano <i>nm</i> dodecane	
dolina <i>nf</i> doline	
dolomía <i>nf</i> dolostone	
dolomítico,-ca <i>adj</i> dolomitic	
dolomitizar <i>vtr</i> to dolomitize	
domeriano,-na <i>adj</i> Domerian	
Domeriense <i>nm</i> Domerian	
dominio <i>nm</i> domain <i>d. minero</i> mining area	

E

eclímometro *nm* clinometer
econométre *nm* econometer
ecosonda *nf* echo sounder
ecuación *nf* equation
ecuador *nm* equator | *e. magnético* aclinic line | *e. terrestre* earth's equator
ecuatorial *adj* equatorial
echado,-da *adj* inclined | *nm* [Méx] dip, inclination
edad *nf* age | *e. de hielo* ice age | *e. glacial* ice age
edafología *nf* pedology
efecto *nm* effect | *e. de perforación* borehole effect
eficacia *nf* efficiency | *e. de barrido* sweep efficiency
eflorescencia *nf* efflorescence | [Pe] outcrop
efluente *nm* effluent, outflow
efusión *nf* eruption, extrusion
efusivo,-va *adj* extrusive
egirina *nf* aegirite, aegirine
egirita *nf* aegirite
eifeliano,-na *adj* Eifelian
eifeliense *adj* Eifelian
einsteinio *nm* einsteinium
eje *nm* axis | *e. anticlinal* anticlinal axis | *e. cinemático de simetría* kinematic symmetry | *e. cristalográfico* crystallographic axis | *e. de plegamiento* fold axis | *e. de simetría* axis of symmetry | *e. de simetría del pliegue* fold symmetry axis | *e. de simetría estructural* fabric symmetry axis | *e. de simetría para plegamiento* fold symmetry axis | *e. principal de deformación* principal strain axis | *e. sísmico* seismic axis | *e. tecto-textural de simetría* fabric symmetry axis
elasticidad *nf* elasticity
elástico,-ca *adj* elastic
elaterométrio *nm* elaterometer
electro *nm* amber | electrum
electrodo *nm* electrode
electrólito *nm* electrolyte
electrolización *nf* electrolysis
electromagnético,-ca *adj* electromagnetic
electroquímico,-ca *adj* electrochemical
elemento *nm* element | *e. mineral* | *e. trazo* trace element
eleolita *nf* nepheline
elevación *nf* elevation, height | rise in the ground, hill
elipsoidal *adj* ellipsoidal

elipsoide *nm* ellipsoid | *e. biaxial* biaxial ellipsoid | *e. de referencia* reference ellipsoid | *e. óptico* optical ellipsoid | *e. uniaxial* uniaxial ellipsoid
elíptico,-ca *adj* elliptical, elliptic
eluvación *nf* eluviation
eluvión *nf* eluvium, talus
embacarse la veta *vpr* to lose a vein
embalse *nm* pondage
emanación *nf* exhalation, emanation
embije or **embijete** *nm* [Méx] thin coating of mineral on a joint
embocadura *nf* entrance
embudiforme *adj* funnel-shaped
embudo *nm* funnel | doline | *e. de ablación* ablation funnel | *e. de explosión* maar
emerger *vintr* to project, jut out | to emerge
emisión *nf* emission
emorrascamiento *nm* [Méx] depletion of ore
emborrascarse *vpr* [Méx] to lose sight of ore
embozado *nm* [Méx] blind rich ore
embudo *nm* sink hole
emisor *nm* transmitter, emitter | *e. de ultrasonidos* pinger
emjambre de diques *adj* dike swarm
empalmar *vtr* to join, as for veins, etc.
empanizado,-da *adj* [Cochas, Pe] altered, decomposed
empinado,-da *adj* steep
emplazamiento *nm* emplacement
emplazar *vtr* to emplace
empobrecido,-da *adj* impoverished, depleted
empobrecimiento *nm* depletion of ore | impoverishment
empresa *nf* company, firm, enterprise
empuje *nm* pressure | drive | *e. hidrostático* water drive | *e. horizontal* horizontal pressure | *e. tangencial* tangential pressure | *e. vertical* vertical pressure
emscheriano,-na *adj* Emscherian
emscheriense *nm* Emscherian
emsiano,-na *adj* Emsian
emsiense *nm* Emsian
enantimorfo,-fa *adj* enantimorphous
enarenamiento *nf* sanding
enarenar *vtr* to mix ore with sand | to cover with sand
encajetado *nm* [Hualgáyoc, Pe] oxidized silver ore
encañada *nf* [Bol] canyon
encapado,-da *adj* cloaked, coated, encased |

blind, concealed	entremontaña <i>nf</i> intermountain, median mass, intermontane area, intermediate massif
encape <i>nm</i> [Bol] overburden	entreverado,-da <i>adj</i> stockwork
encenagamiento <i>nm</i> [Arg] mud deposit	entropía <i>nf</i> entropy
encontrar <i>vtr</i> to open up a vein along strike or in the direction of dip	eocambriano,-na <i>adj</i> Eocambrian
enclave <i>nm</i> inclusion	eocámbrico,-ca <i>adj</i> Eocambrian
encontrar <i>vtr</i> to meet, as for veins, etc.	eoceno,-na <i>adj</i> Eocene <i>nm</i> Eocene
encorvado,-da <i>adj</i> crooked	eocénico,-ca <i>adj</i> Eocene
encorvamiento <i>nm</i> warping	eólico,-ca <i>adj</i> aeolian
encrespadura <i>nf</i> ripplemark	eón <i>nm</i> aeon
encuentro <i>nm</i> meeting of two veins	eopaleozoico <i>nm</i> Eopaleozoic
endicamiento <i>nm</i> impounding	eozoico,-ca <i>adj</i> Proterozoic
enlace <i>nm</i> bond, tie <i>e. atómico</i> atomic bond	epicentro <i>nm</i> epicenter
endentado,-da <i>adj</i> serrate	epidoto <i>nm</i> epidote <i>e. calizo</i> zoisite <i>e. manganésico</i> piedmontite
endliquita <i>nf</i> endlichite	epigenético,-ca <i>adj</i> epigenetic
endógeno,-na <i>adj</i> endogenous	epipelágico,-ca <i>adj</i> epipelagic
energía <i>nf</i> energy <i>e. nuclear</i> nuclear energy	epiroca <i>nf</i> epirock
enganchado,-da <i>adj</i> [Pe] contracted to pay off a debt	epirogénesis <i>nf</i> epeirogenesis, epeirogeny
enganchador <i>nm</i> [Pe] mine worker serving under debt peonage	epirogenético,-ca <i>adj</i> epeirogenetic
enganchadora <i>nf</i> [Pe] mine labor contractor	epirogenia <i>nf</i> epeirogenesis, epeirogeny
enganche <i>nm</i> [Pe] debt servitude, generally to pay off debts owed to the company store	epirogénico,-ca <i>adj</i> epeirogenic
enigmatita <i>nf</i> aenigmite	epizona <i>nf</i> epizone <i>de la e.</i> epizonal
enlazamiento <i>nm</i> connection, link	época <i>nf</i> epoch <i>é fría</i> ice age <i>é geológica</i> era <i>é metalogénica</i> metallogenic epoch
enriquecerse <i>vpr</i> to come upon higher grade ores	equilibrio <i>nm</i> equilibrium material balance
enriquecimiento <i>nm</i> enrichment of veins <i>e. secundario</i> secondary enrichment	equipo <i>nm</i> shift rig gear <i>e. perforador</i> drilling rig
enrollado,-da <i>adj</i> convoluted	equivalente <i>adj</i> equivalent
ensanchedo,-da <i>adj</i> widening, flaring	era <i>nf</i> era salt water pond formed by evaporation <i>e. geológica</i> era
ensanche <i>nm</i> widening <i>e. de un filón</i> swelling or bunching of a lode	ergio <i>nm</i> erg
ensancharamiento <i>nm</i> widening	erquimiento <i>nm</i> uplift
ensayar <i>vtr</i> to assay	eritrina <i>nf</i> erythrite
ensaye <i>nm</i> assay	erodado,-da <i>adj</i> eroded
ensayo <i>nm</i> assay test <i>e. de capas</i> drill stem test	erosión <i>nf</i> erosion <i>e. fluvial</i> fluvial erosion <i>e. glacial</i> glacial erosion <i>e. mecánico</i> mechanical erosion <i>e. profunda</i> deep erosion <i>e. regresiva</i> retrogressive erosion <i>e. químico</i> chemical erosion <i>e. vertical</i> downcutting
ensenada <i>nf</i> bay	erosionado,-da <i>adj</i> eroded
ensiforme <i>adj</i> bladed	errático,-ca <i>adj</i> erratic
entalpía <i>nf</i> enthalpy	error <i>nm</i> error <i>e. cuadrático medio</i> mean square error <i>e. de medida</i> measurement error <i>e. de muestro</i> sampling error <i>e. de observación</i> observational error <i>e. medio</i> mean error
enterrado,-da <i>adj</i> buried	erubescita <i>nf</i> bornite
entierro <i>nm</i> burial	erupción <i>adj</i> eruption blow-out (of a well) <i>e. de flanco</i> flank eruption
entrada <i>nf</i> entrance to a mine recess	eruptivo,-va <i>adj</i> eruptive, volcanic
entrar <i>vintr</i> to empty <i>e. tajo</i> or <i>tonga</i> [Col] to drain a mine or placer working	esarcha <i>nf</i> [Pe] native sulphur
entrecrecer <i>vtr</i> to intergrow	
entrecrecido,-da <i>adj</i> intergrown	
entrecrecimiento <i>nm</i> intergrowth	
entrelaminado,-da <i>adj</i> interbedded	

escala <i>nf</i> scale <i>e. de dureza</i> hardness scale (Moh's) <i>e. Rankine</i> Rankine scale	esférico,-ca <i>adj</i> spherical
escalenoédrico,-ca <i>adj</i> scalenohedral	esferoidal <i>adj</i> spheroidal
escalenoedro <i>nm</i> scalenohedron	esferoide <i>nm</i> spheroid <i>e. intraformacional</i> convolutional ball <i>e. lacustre</i> lake ball
escalón <i>nm</i> step stope <i>e. de circo</i> cirque <i>e. de confluencia</i> confluence step <i>e. de banco</i> underhand stope <i>e. de cielo</i> overhand stope <i>e. de denudación</i> erosion scarp <i>e. de falla</i> fault scarp <i>e. de fractura</i> fault scarp <i>e. marginal</i> marginal step	esferolítico,-ca <i>adj</i> spherulitic
escalonamiento <i>nm</i> stepping	esferolito <i>nm</i> spherulite
escama <i>nf</i> slice, flake scale	esferosiderita <i>nf</i> spherosiderite
escamiforme <i>adj</i> scale-like	esfuerzo <i>nm</i> stress
escamasiones <i>nfpl</i> incrustations, scale	eslamosa <i>nf</i> nagyagite
escamoso,-sa <i>adj</i> scaley, platy	esmaltina <i>nf</i> smaltite
escapolita <i>nf</i> scapolite	esmaltita <i>nf</i> smaltite
escarapela <i>nf</i> rosette	esmanil <i>nm</i> sphalerite
escarcha <i>nf</i> [Pe] native silver	esmeralda <i>nf</i> emerald <i>e. oriental</i> corundum
escarpa <i>nf</i> escarpment, scarp <i>e. de fractura</i> fault scarp <i>e. de piamonte</i> scarples	esmeril <i>nm</i> emory [Méx] arsenopyrite
escarpado,-da <i>adj</i> steep	esmitsonita <i>nf</i> smithsonite
escarpar <i>vtr</i> to scarp, slope	espacio <i>nm</i> spacing
escarpe <i>nm</i> scarp, escarpment <i>e. de falla</i> fault scarp	espalto <i>nm</i> spalt, fluorspar flux
escarpita <i>nf</i> scarples	esparnaciano,-na <i>adj</i> Sparmalian
escaso,-sa <i>adj</i> rare, infrequent	esparnaciense <i>nm</i> Sparnacian
escintímetro <i>nm</i> scintillometer <i>e. aéreo</i> airborne scintillometer	espáctico,-ca <i>adj</i> spathic
escoger a mano <i>vtr</i> to hand sort (ores)	espato <i>nm</i> spar <i>e. adamantino</i> corundum <i>e. amargo</i> magnesite <i>e. azul</i> blue fluorspar <i>e. lazulite</i> <i>e. bruno</i> brown dolomite, magnesite <i>e. calcáreo</i> calcite <i>e. cárlico</i> calcite <i>e. calizo</i> calcite <i>e. de cal</i> calcite <i>e. de cinc</i> smithsonite <i>e. (de) flúor</i> fluorspar, fluorite <i>e. de hierro</i> siderite <i>e. de Islandia</i> Iceland spar <i>e. de itrio</i> xenotime <i>e. de manganeso</i> rhodochrosite, rhodonite or dialogite <i>e. en tablas</i> wollastonite <i>e. ferrífero</i> siderite <i>e. fétido</i> bituminous fluorite <i>e. fluor</i> fluorspar, blue fluorspar <i>e. lustroso</i> satin spar (calcite or gypsum) <i>e. manganoso</i> dialogite <i>e. pardo</i> brown dolomite, magnesite <i>e. pesado</i> barite <i>e. romboidal</i> dolomite <i>e. satinado</i> fibrous gypsum
escollera <i>nf</i> cliff	especie <i>nm</i> species <i>e. tipo</i> type species
escoollo <i>nm</i> shoal, reef	espécimen <i>nm</i> specimen
escombrera <i>nf</i> debris waste heap	especular <i>adj</i> specular
escombro <i>nm</i> waste rock detritus, talus overburden on placers <i>e. glacial</i> drift	espejado <i>nm</i> [Pe] galena
escopetar <i>vtr</i> to work a gold mine	espejo <i>nm</i> [Col] slickenside <i>e. de falla</i> slickenside <i>e. de fricción</i> slickenside
escoria <i>nf</i> scoria slag dross	espejuelo <i>nm</i> mica transparent talc [Ch] fine-grained, transparent selenite or gypsum [Ch] calcite [Real de Monte, Méx] galena and sphalerite crystals generally poor in silver [Pe] lead carbonate [Hualgáyoc, Pe] barite
escorial <i>nm</i> slag heap deposit of volcanic ash lava bed	espeleología <i>nf</i> speleology
escota <i>nf</i> miner's pick	esperanza <i>nf</i> expectation <i>e. matemática</i> mathematical expectation
escudo <i>nm</i> shield <i>e. continental</i> continental shield	espermisa <i>nf</i> spear pyrite (<i>var</i> of marcasite)
escurrante <i>adj</i> exhalant, effluent	espesartina <i>nf</i> spessartite
escurrimiento <i>nm</i> draining, runoff <i>e. superficial</i> surface runoff	
escurrirse <i>vpr</i> to run off	
esfalerita <i>nf</i> sphalerite	
esfena <i>nf</i> sphene	
esfeno <i>nm</i> sphene	
esfenolita <i>nf</i> sphenolith	
esfera <i>nf</i> sphere	
esferal <i>adj</i> spherical	

espesartita <i>nf</i> spessartite	estadístico,-ca <i>adj</i> statistical <i>nm</i> statistic
espeso,-sa <i>adj</i> thick, dense	estado <i>nm</i> state stage
espesor <i>nm</i> thickness of a bed, vein, etc.	staffordiano,-na <i>adj</i> Staffordian
espesura <i>nf</i> density, thickness	staffordiense <i>adj</i> Staffordian
espiga <i>nf</i> bay bar	estalactita <i>nf</i> stalactite
espilita <i>nf</i> spilite	estalagmita <i>nf</i> stalagmite
espinela <i>nf</i> spinel <i>e. cincífera</i> gahnite, franklinite <i>e. cromífera</i> picotite	estampiano,-na <i>adj</i> Stampian
espinélico <i>nm</i> spinellide	estampiense <i>adj</i> Stampian
espodito <i>nm</i> whitish volcanic ash	estanekita <i>nf</i> stannekite
espodumena <i>nf</i> spodumene	estanina <i>nf</i> stannite
esponja <i>nf</i> stockwork of veins [Méx] spongy bullion	estannita <i>nf</i> stannite
espuma <i>nf</i> meerschaum gossan magnesia <i>e. de mar</i> sepiolite <i>e. de nitró</i> surface crust of nitrate on salt flats	estanoso,-sa <i>adj</i> stannous
esqueletal <i>adj</i> skeletal	estanque <i>nm</i> pool <i>e. de petróleo</i> oil pool <i>e.</i> <i>para colas</i> tailings pond
esquema <i>nf</i> sketch classification <i>e. Lahee</i> Lahee classification of exploratory wells	estañífero,-ra <i>adj</i> stanniferous, tin-bearing
esquisto <i>nm</i> shale, schist, slate <i>e. anfibolítico</i> amphibole schist <i>e. arcilloso</i> underclay <i>e.</i> bituminoso oil shale <i>e. carbonoso</i> coal shale <i>e.</i> clorítico chlorite schist, greenschist <i>e.</i> combustible oil shale <i>e. córnneo</i> hornslate <i>e. de</i> <i>anfibolita</i> amphibolite schist <i>e. de barro</i> mudstone <i>e. divisorio</i> dividing slate <i>e.</i> <i>micáceo</i> micaceous schist <i>e. noduloso</i> spotted slate or schist <i>e. paralelo</i> bedding schistosity <i>e. petrolífero</i> oil shale <i>e. talcoso</i> talc schist	estaña <i>nm</i> tin tin ore tin concentrate <i>e.</i> <i>acarreo</i> placer tin <i>e. de aluvión</i> placer tin <i>e. de</i> arroyo placer tin <i>e. de cornuallis</i> cassiterite <i>e.</i> <i>de escoria</i> tin slag <i>e. de madera</i> wood tin <i>e. de</i> placeres placer tin <i>e. en grano</i> placer tin <i>e.</i> <i>leñoso</i> wood tin <i>e. piritoso</i> stannite <i>e. vidrioso</i> cassiterite <i>e. xiloide</i> wood tin
esquistoido <i>nm</i> schistoid	estañoso,-sa <i>adj</i> stannous
esquistosidad <i>nf</i> schistosity cleavage, induced cleavage, rock cleavage <i>e. astillosa</i> pencil cleavage <i>e. de crenulación</i> crenulation cleavage <i>e. en abanico</i> cleavage fan <i>e. en pizzarín</i> pencil cleavage <i>e. espaciada</i> spaced cleavage <i>e. trasversal</i> slaty cleavage	estaurolita <i>nf</i> staurolite
esquistoso,-sa <i>adj</i> schistose	esteatita <i>nf</i> steatite, soapstone
essonita <i>nf</i> hessonite	estefaniano,-na <i>adj</i> Stephanian
estabilidad <i>nf</i> stability <i>e. química</i> chemical stability	estefaniense <i>nm</i> Stephanian
estabilización <i>nf</i> stabilization	estefanita <i>nf</i> stephanite
estable <i>adj</i> stable	estelión <i>nf</i> olivine dolerite, toadstone
estación <i>nf</i> season station <i>e. gravimétrica</i> gravity station	estelón <i>nm</i> olivine dolerite, toadstone
estacional <i>adj</i> seasonal	estereograma <i>nf</i> stereogram
estadal <i>nm</i> land measure of 4 varas [Méx] level rod <i>e. cuadrado</i> 16 square varas	estepa <i>nf</i> steppe
estadia <i>nf</i> stadia	esteril <i>adj</i> barren, sterile, devoid of mineralization dry (wells) <i>nm</i> waste, waste rock
estadio <i>nm</i> furlong	esteril <i>nm</i> gangue unmineralized or barren rock
estadística <i>nf</i> statistics <i>e. de orden</i> order statistics	estero <i>nm</i> estuary, inlet [Arg, Méx] swamp [Bol, Ch] creek [Vz] pond
	estiaje <i>nm</i> low water mark
	estibina <i>nf</i> stibnite
	estibnita <i>nf</i> stibnite
	estilbita <i>nf</i> stilbite
	estilo <i>nm</i> style <i>e. tectónico</i> tectonic style
	estilotito <i>nm</i> stylolite
	estimación <i>nf</i> estimation <i>e. por el método de</i> <i>Bayes</i> Bayesian estimation <i>e. por el método de</i> <i>los mínimos cuadrados</i> least-squares estimation <i>e. por el método de momentos</i> moment estimation <i>e. por intervalo</i> interval estimation <i>e. por la</i>

- máxima versimilitud* maximum-likelihood estimation | *e. por regresión* estimation by regression | *e. puntual* point estimation
- estimador** *nm* estimator | *e. convergente* consistent estimator | *e. exhaustivo* complete estimator | *e. sesgado* biased estimator | *e. sin sesgo* unbiased estimator
- estimarse** *vpr* to be taken to be, appear to be, suggest to be
- estiramiento** *nm* stretching
- estoraque** *nm* [Guerrero, Méx] sphalerite
- estrangulación** *nf* narrowing of a vein, etc.
- estrangulamiento** *nm* narrowing of a vein, etc.
- estratificación** *nf* stratification, bedding | bedding cleavage | *e. cruzada* cross-bedding | *e. diagonal* cross-bedding | *e. entrecruzada* cross-bedding | *e. gradada* graded bedding | *e. graduada* graded bedding | *e. gradual* graded bedding | *e. inclinada* inclined bedding | *e. inclinada inversa* backset bedding | *e. intraplegada* convolute bedding, slip bedding | *e. lenticular* lenticular bedding | *e. masiva* massive bedding | *e. nodular* nodular bedding | *e. ondulada* wavy bedding | *e. ondulítica* ripple bedding | *e. rizada* crinkle bedding, ripple bedding | *e. seleccionada* sorted bedding
- estratificado,-da** *adj* stratified
- estratificar** *vtr* to deposit, stratify
- estratiforme** *nm* stratiform
- estratigrafía** *nf* stratigraphy
- estratígrafo,-fa** *nm/f* stratigrapher
- estratigráfico,-ca** *adj* stratigraphic
- estrato** *nm* stratum, bed, layer | *e. anual* varve | *e. concordante* concordant bed | *e. conforme* conformal bed | *e. de cobertura* cap rock | *e. cruzante* crossbed | *e. discordante* discordant bed | *e. guijoso* gravel layer | *e. índice* key bed
- estrechamiento** *nm* thinning or pinching of a vein, etc.
- estrecharse** *vpr* to thin or become narrow
- estrechez** *nf* narrowness | gap, pass
- estrecho** *nm* straight
- estrechón** *nm* narrowness
- estrechura** *nf* narrowness | narrows, gap, pass
- estrellarse la veta** *vpr* [Pe] to thin out, peter out (vein), especially by passing into disseminated ore
- estría** *nf* striation, stria | groove | *e. glaciar* glacial stria
- estriación** *nf* striation
- estriado,-da** *adj* striate
- estriadura** *nf* striation
- estriar** *vtr* to sort ore
- estribación** *nf* spur | *nfpl* foothills
- estringa** *nf* [Méx] stringer
- estroncianita** *nf* strontianite
- estroncio** *nm* strontium
- estructura** *nf* structure | texture | *e. almohadillada* ball-and-pillow structure, mullion structure | *e. amigdaloide* amygdaloidal structure | *e. bandeada* banded structure | *e. cataclástica* cataclastic structure | *e. concrecionada* concretionary structure | *e. de despegue* décollement structure | *e. de muñón* mullion structure | *e. en lajas* flaggy structure | *e. fluidal* fluid structure | *e. microscópica* microtexture | *e. moniliforme* boudinage | *e. ojival* ogive | *e. sedimentaria* sedimentary structure
- estructural** *adj* structural
- estrúniano,-na** *adj* Strunian
- estrúnense** *nm* Strunian
- estuarino,-na** *adj* estuarine
- estuario** *nm* estuary, inlet
- estudio** *nm* study | *e. catastral* cadastral survey
- etapa** *nf* stage
- etiqueta** *nf* tag (for samples)
- eugeosinclinal** *nm* eugeosyncline
- euherdral** *adj* euherdral
- euhédrico,-ca** *adj* euherdral
- eupelágico,-ca** *adj* eupelagic
- europio** *nm* europium
- eustasia** *nf* eustasy
- eustatismo** *nm* eustasy
- eutéctico,-ca** *adj* eutectic
- euxénico,-ca** *adj* euxenic
- evaporación** *nf* evaporation
- evaporita** *nf* evaporite
- evento** *nm* event
- evolución** *nf* evolution
- exactitud** *nf* accuracy
- exagonal** *adj* hexagonal
- exaración** *nf* exaration
- excavación** *nf* excavation | *e. a cielo abierto* open pit | *e. de ensayo* test pit | | *e. en escalones* stope | *e. en zanja* trench
- excavador** *adj* burrowing
- exento** *nm* free of | *e. de ácidos* acid free
- exfoliación** *nf* exfoliation | cleavage
- exfoliar** *vtr* to exfoliate
- exhalación** *nf* exhalation
- exhalante** *adj* exhalant

exhondación <i>nf</i> overdeepening	surface at a mine
exhumación <i>nf</i> exhumation	extinguido,-da <i>adj</i> extinct
exitela <i>nf</i> valentinite	extinguir <i>vintr</i> to become extinct
exógeno,-na <i>adj</i> exogenous	extinto,-ta <i>adj</i> extinct
exotérmico,-ca <i>adj</i> exothermic	extracción <i>nf</i> extraction, mining, production, recovery sampling <i>e. con reposición</i>
exploración <i>nf</i> exploration	sampling with replacement <i>e. por gas</i> gas lift <i>e. sin reposición</i> sampling without
explorar <i>vtr</i> to explore	replacement <i>e. vigorizada</i> enhanced recovery
exploratorio,-ria <i>adj</i> exploratory	extracto <i>nm</i> extract
explosión <i>nf</i> explosion, blast <i>e. de abanico</i> fan shooting	extraíble <i>adj</i> minable
explotación <i>nf</i> mining, exploitation <i>e. en</i> <i>descubierto</i> open-pit mining, stripping, strip mining <i>e. por método minero</i> oil mining	extrusivo,-va <i>adj</i> extrusive
explotar <i>vtr</i> to mine, exploit, work	exudación <i>nf</i> exudation
extensión <i>nf</i> extension area, areal extent range, extent <i>e. en acres</i> acreage <i>e.</i> <i>estratigráfica</i> stratigraphic range	eyección <i>nf</i> ejecta, accidental <i>e. juvenil</i> juvenile ejecta
exterior <i>nm</i> exterior, outside aboveground,	ezteri <i>nm</i> bloodstone, a variety of jasper

F

fábrica *nf* fabric (petrographic) | *f. siderúrgica*
iron works
 faceta *nf* facet (of a gem)
 facies *nfpl* facies | *f. abisal* abyssal facies | *f.*
continental continental facies | *f. costera* coastal
facies | *f. de agua dulce* freshwater facies | *f.*
eólica aeolian facies | *f. fluvial* fluvial facies | *f.*
glacial glacial facies | *f. lacustre* lacustrine facies
 | *f. litoral* coastal facies | *f. marina* marine
facies | *f. metamórficas* metamorphic facies | *f.*
nerítica neritic facies | *f. sedimentarias*
sedimentary facies | *de f. facieológico,*
facieológico
 facoidal *adj* lenticular
 facolito *nm* phacolith, phacolite
 factor *nm* factor | *f. común* common factor | *f. de*
contracción shrinkage factor | *f. de escurreimiento*
 [Col] runoff coefficient | *f. de formación*
formattion resistivity factor | *f. de grupo* group
 factor | *f. específico* specific factor | *f.*
volumétrico formation volume factor
 faena *nf* work, labor, task | *workings* | [Bol, Pe]
 unpaid work (a type of corvée) | [Ch] work
 gang, shift | *f. mineral* mine workings
 fahlbanda *nf* fahlband
 faja *nf* belt or zone of rock, mineralization, etc |
 band of mineral in a vein | *f. petrolifera*
 petroleum zone
 fajado *nm* prop (of mine timber)
 fajeado,-da *adj* banded
 falda *nf* slope, hillside | wing or leg of a saddle
 falsificar el mineral *vtr* to salt (a mine)
 falso,-sa *adj* false | *f. matriz* pseudo-matrix | *f.*
peña false bedrock | *f. salto* false throw of a
 vein or fault
 falla *nf* fault | *f. activa* active fault | *f. acostada*
thrust fault | *f. antitética* antithetic fault | *f. casi*
vertical de desplazamiento horizontal wrench fault
 | *f. conforme* conformable fault (to bedding) | *f.*
corriente strike fault | *f. de altoempuje* upthrust
 fault | *f. de ascenso* normal fault | *f. de*
buzamiento dip fault | *f. de cabalgamiento*
 overlap fault | *f. de descenso* reverse fault | *f. de*
desgarre strike-slip fault | *f. de despegue*
 detachment fault | *f. de desplazamiento*
 horizontal strike-slip fault | *f. de desplazamiento*
oblicuo oblique-slip fault | *f. de dirección* strike
 fault | *f. diagonal* inclined fault | *f. escalonada*

step fault | *f. de estratificación* bedding-plane
 fault | *f. de gravedad* gravity fault, normal fault
 | *f. directa* normal fault | *f. distributativa* step
 fault | *f. en escalera* step fault | *f. escalonada* step
 fault | *f. escarpada* [Méx] fault scarp | *f. falsa*
 pseudo-fault, horse | *f. girada* pivotal fault | *f.*
gravitacional normal fault | *f. horizontal* strike-
 slip fault | *f. inversa* reverse fault | *f. inversa de*
bajo angulo thrust fault, overthrust | *f. lateral*
 lateral fault | *f. marginal* boundary fault | *f.*
normal normal fault | *f. por empuje* thrust fault
 | *f. por empuje inferior* underthrust fault | *f.*
ramificada branching fault | *f. rumbodeslizante*
 strike-slip fault | *f. según buzamiento* dip-slip
 fault | *f. simple* normal fault | *f. sinsedimentaria*
 synsedimentary fault | *f. transformante*
 transform fault | *f. transcurrente* strike slip fault
 | *f. transversal* dip fault
 fallado,-da *adj* faulted
 fallamiento *nm* faulting
 fallar *vtr* to fault
 fallo *nm* [Bol] fault deformation
 fameniano,-na *adj* Famennian
 fameniense *adj* Famennian
 fanega *nf* [Méx] unit of land measure (about 8.8
 acres)
 fanegada *nf* unit of area equivalent to 576
estadales (about 6600 square meters) | unit of
 capacity of 225 to 555 liters
 fanerítico,-ca *adj* phaneritic
 fanerocristalino,-na *adj* phaneritic
 fanerómero,-ra *adj* phaneritic
 fangal *nm* marsh, bog
 fanglomerado *nm* fanglomerate
 fango *nm* mud, slime, ooze | sludge | [Isla
 Carmén, Méx] layer of black, earthy salt | *f. de*
glaciar glacial mud or silt | *f. mineral* slimes
 fangoso,-sa *adj* muddy, silty
 farallón *nm* [Bol] wallrock | [Pe] outcrop of a
 vein
 farmacolita *nf* pharmacolite
 farmacosiderita *nf* pharmacosiderite
 fase *nm* phase
 fáunico,-ca *adj* faunal
 faunístico,-ca *adj* faunal
 faz *nf* front, face | *f. de laboreo* working face
 feldespático,-ca *adj* feldspathic
 feldespato *nm* feldspar | *f. calizo* anorthite | *f.*
de cal anorthite | *f. nacarado* or *opalado* adularia
 | *f. potásico* potash feldspar | *f. sódico* albite | *f.*
verde claro amazon stone | *f. vítreo* sanidine

feldespatoide *nm* feldspathoid
felsico,-ca *adj* felsic
felsítico,-ca *adj* felsic, felsitic
fémico,-ca *adj* mafic, femic
fenacita *nf* phenakite
fenaquita *nf* phenakite
fenestra *nf* inlier, window
fenocristal *nm* phenocryst
fenómeno *nm* phenomena | *f. del carst* karst phenomena | *f. tectónico* tectonics
ferralítico,-ca *adj* ferralitic
ferrato *nm* ferrate
férreo,-rea *adj* ferrous, iron-bearing
ferrería *nf* iron works
ferrete *nm* copper sulphate
férrico,-ca *adj* ferric
ferrífero,-ra *adj* iron-bearing
ferrito *nm* ferrite (salt)
ferromagnesiano,-na *adj* ferromagnesian
ferromagnésico,-ca *adj* ferromagnesian
ferromagnético,-ca *adj* ferromagnetic
ferromagnetismo *nm* ferromagnetism
ferromanganeso *nm* ferromanganese
ferrometeorito *nm* iron meteorite
ferroniquel *nm* ferronickel
ferroso,-sa *adj* ferrous
ferrugíneo,-nea *adj* ferruginous, iron-bearing
ferruginoso,-sa *adj* ferruginous, iron-bearing
fibra *nf* fiber | vein | [Parral, Méx] stockwork vein
fibrázón *nm* the whole of the veins in a deposit or mine
fibroso,-sa *adj* fibrous
ficha *nf* index card, filing card | record
fichar *vtr* to put on an index card | to file, index
fichero *nm* card index | records
fidelidad *nf* accuracy
fierro *nm* iron
fijo,-ja *adj* attached | *no f.* unattached
fila *nf* row
filada *nf* a variety of slate
filamento *nm* filament
filamentoso,-sa *adj* filamentous
filiforme *adj* thread-like
filita *nf* phyllite
filo *nm* ridge
filogenía *nf* phylogeny
filón *nm* vein, lode (generally large) | mineralized seam or bed | gold mine | dike | gangue | [Méx] small stringer or intersecting vein | *f. atravesado* cross vein | *f. brechoide*

breccia vein | *f. capa* bedded vein | *f. ciego* blind lode | *f. clástico* clastic dike | *f. compuesto* compound vein | *f. cuneiforme* gash vein | *f. de carbón* coal seam or measure | *f. de contacto* contact vein | *f. de cuña* gash vein | *f. de diaclasa* joint vein | *f. de roca* dike | *f. en escalera* or *escalonado* stair-step vein | *f. en reticulado* stockwork | *f. en rosario* en echelon vein | *f. estratificado* banded vein | *f. hidrotermal* hydrothermal vein | *f. inclinado* rake vein | *f. intrusivo* igneous dike | *f. metalífero* or mineral mineralized vein | *f. principal* master vein, mother lode | *f. rocoso* dike | *f. sedimentario* sedimentary vein or dike | *f. simple* ordinary vein of simple structure | *f. sin afloramiento* blind vein | *f. sin crestón* blind vein | *f. transversal* cross vein
filoniano,-na *adj* vein or dike-like
filonita *nf* phyllite-mylonite
filonitzación *nf* veining
filtración *nf* seep | *f. de petróleo* oil seep | *f. en frío* cold pressing
filtrado,-da *adj* filtered | *nm* filtering
filtrador *nm* filter
filtrante *adj* filtering | porous
filtrar *vtr/intr* to filter | *vpr* to filter | to filtrate
filtro *nm* filter | *f. de entrada* input filter
fineza *nf* fineness
finiquito *nm* quitclaim
fino,-na *adj* fine | pure
fino *nm* [Asturias, Sp] screened coal up to 6 mm in size | *nmpl* fines
finura *nf* fineness
fiordo *nm* fjord, fiord
firme *adj* surface | fisible | fissile
firn *nm* firn
físico,-ca *adj* physical | *nm/nf* physicist
fisicoquímico,-ca *adj* physicochemical | *nf* physical chemistry
físil *adj* fissile
fisiabilidad *nf* fissility
fisión *nf* fission
fisionable *adj* fissionable
fisografía *nf* physiography
fisura *nf* fissure
fisuración *nf* spalling
fisurarse *vpr* to crack
fitógeno,-na *adj* phytogenic
flabeliforme *adj* fan-shaped
flanco *nm* flank | limb (of a fold) | hillside
flaqueza *nf* [Pe] shaley structure

flecha <i>nf</i> deflection	material filling open spaces in a lode <i>f.</i>
flexibilidad <i>nf</i> flexibility	productora pay zone <i>f. que le circundan</i> host rock
flexura <i>nf</i> flexure flexure folding	
filita <i>nf</i> phyllite	formal <i>adj</i> regular [Méx] undisturbed
físico,-ca <i>adj</i> physical	formase <i>vpr</i> to be formed
flogopita <i>nf</i> phlogopite	fórmico,-ca <i>adj</i> formic
flojo,-ja <i>adj</i> loose	fórmula <i>nf</i> formula
flor <i>nf</i> bloom <i>f. de antimonio valentinita</i> <i>f. de cinc hydrozincite</i> <i>f. de cobalto erythrite</i> <i>f. de cobre chalcotrichuite</i> <i>flor de hierro flos ferri</i> <i>f. de níquel annabergite</i>	fosa <i>nf</i> trench pit graben <i>f. marginal trough</i> <i>f. oceánica</i> oceanic trench <i>f. posterior back</i> deep <i>f. tectónica</i> graben
flotabilidad <i>nf</i> buoyancy	fosfático,-ca <i>adj</i> phosphatic
flotación <i>nf</i> flotation <i>f. diferencial</i> differential floatation <i>f. selectiva</i> selective floatation	fosfato <i>nm</i> phosphate
flourescencia <i>nf</i> floorescence	fosfeno <i>nm</i> phosphate
fluctuación <i>nf</i> fluctuation jitter	fosfito <i>nm</i> phosphite
fluctuar <i>vintr</i> to fluctuate to oscillate	fosforado,-da <i>adj</i> phosphorous
fluente <i>adj</i> fluid flowing	fosforecer or fosforescer <i>vtr</i> to phosphoresce
fluidez <i>nf</i> fluidity	fosforescencia <i>nf</i> phosphorescence
fluído,-da <i>adj</i> fluid <i>nm</i> fluid	fosforescente <i>adj</i> phosphorescent
fluir <i>vintr</i> to flow, run	fosfórico,-ca <i>adj</i> phosphoric
flujo <i>nm</i> flow, stream rising tide flux <i>f. de caja</i> cash flow <i>f. de escombrera</i> debris flow <i>f. de fango</i> mud flow <i>f. de lava</i> lava flow <i>f. laminar</i> laminar or platy flow <i>f. magnético</i> magnetic flux <i>f. natural</i> primary drive mechanism <i>f. turbulento</i> turbulent flow	fosforita <i>nf</i> phosphorite
flúor <i>nm</i> fluorine <i>f. espato</i> fluorspar <i>f. fétido</i> bituminous feldspar	fósforo <i>nm</i> phosphorous
fluorescencia <i>nf</i> fluorescence	fosforoso,-sa <i>adj</i> phosphorous
fluorescente <i>adj</i> fluorescent	fosgenita <i>nf</i> phosgenite
fluorhidrato <i>nm</i> hydrofluoric acid	fósil <i>nm</i> fossil any mineral or rock <i>f. guía</i> index fossil <i>f. índice</i> index fossil <i>f. viviente</i> living fossil
fluorhidrico,-ca <i>adj</i> hydrofluoric	fossilífero,-ra <i>adj</i> fossiliferous
fluorina <i>nf</i> fluorite	fossilización <i>nf</i> fossilization
fluoruro <i>nm</i> fluoride	fossilizarse <i>vpr</i> to fossilize, become fossilized
fluviomarino,-na <i>adj</i> fluviomarine	foso <i>nm</i> ditch, trench hole, pit <i>f. de lodo</i> mud pit
foco <i>nm</i> focus <i>f. sísmico</i> hypocenter <i>f. volcánico</i> volcanic center	fótico,-ca <i>adj</i> photic
foliación <i>nf</i> foliation	fotoclinómetro <i>nm</i> photoclinometer
foliado,-da <i>adj</i> foliated, foliate <i>no f.</i> unfoliated	fotogeología <i>nf</i> photogeology
foliatura <i>nf</i> foliation	fotografía <i>nf</i> photography <i>f. aérea</i> aerial photography
fondo <i>nm</i> background bottom of a mine <i>f. de circo</i> <i>f. de laboreo</i> working face <i>f. del mar</i> sea floor <i>f. del río</i> riverbed	fracción <i>nf</i> fraction
fonolita <i>nf</i> phonolite <i>f. leucítica</i> leucite phonolite <i>f. nefelínica</i> nepheline phonolite	fraccionación <i>nf</i> fractionation
foraminífero <i>nm</i> foraminifer, foram	fraccionamiento <i>nm</i> fractionation cracking
forastera <i>nf</i> [Bol] newly discovered vein or mine	fraccionar <i>vtr</i> to crack to fractionate
forma <i>nf</i> form, mode <i>f. de presentación</i> mode of occurrence <i>f. enredada</i> stockwork	fraccionario,-ria <i>adj</i> fractional (math)
formación <i>nf</i> formation [Col] clay and other	fractila <i>nf</i> fractile
	fractura <i>nf</i> fracture <i>f. escalonada</i> step fault <i>f. pizarrosa</i> slaty cleavage <i>f. marginal</i> boundary fault <i>f. sencilla</i> or <i>junta</i> joint <i>f. rellena</i> filled fracture
	fracturar <i>vtr/pr</i> to fracture, break
	fracturación <i>nf</i> fracturation
	fracturamiento <i>nm</i> fracturing <i>f. intenso</i> intense fracturing
	fragmentación <i>nf</i> fragmentation

- | | |
|---|--|
| fragmentar <i>vtr</i> to fragment | spring <i>f. caliente</i> hot spring (<20°C) <i>f. carga</i> |
| fragamento <i>nm</i> fragment | boiling spring <i>f. cárstica</i> karst spring <i>f. de</i> |
| frágil <i>adj</i> brittle | <i>afloramiento</i> gravity spring <i>f. de contacto</i> |
| fragilidad <i>nf</i> brittleness | contact spring <i>f. de fisura</i> fissure spring <i>f. de</i> |
| frailesca <i>nf</i> [Almadén, Sp] lenticular breccia | <i>gas</i> gas seep <i>f. de hondonada</i> depression spring |
| masses found in schist | <i>f. de valle</i> valley spring <i>f. descendente</i> gravity |
| francio <i>nm</i> francium | spring <i>f. episódica</i> intermittent spring <i>f.</i> |
| franja <i>nf</i> fringe belt <i>f. capilar</i> capillary fringe | <i>intermitente</i> intermittent spring <i>f. mineral</i> |
| <i>f. de sedimentos</i> mud belt | mineral spring <i>f. muy caliente</i> hot spring |
| franjilla <i>nf</i> [Hualgáyoc, Pe] argentiferous galena | (>50°C) <i>f. perenne</i> <i>f. periódica</i> intermittent |
| with stibnite | spring <i>f. salina</i> salt spring <i>f. sulfurosa</i> sulfur |
| frasco <i>nm</i> flask (unit of measure for mercury) | spring <i>f. termal</i> thermal spring (20-50°C) |
| frasniano,-na <i>adj</i> Frasnian | fuerza <i>nf</i> force power <i>f. de una prueba</i> power |
| Frasniense <i>nm</i> Frasnian | of a (statistical) test |
| freático,-ca <i>adj</i> phreatic, subsurface | fugacidad <i>nf</i> fugacity |
| frecuencia <i>nf</i> frequency <i>f. acumulada</i> | fumarola <i>nf</i> fumerole |
| cumulative frequency | función <i>nf</i> function <i>f. aculumulata</i> cumulative |
| freita <i>nf</i> [Santander, Sp] active landslide | function <i>f. característica</i> characteristic function |
| frente <i>nm</i> front face, heading <i>f. de colina</i> | <i>f. de decisión</i> decision function <i>f. de densidad</i> |
| brow of a hill <i>f. de pliegue</i> facing | density function <i>f. de versimilitud</i> likelihood |
| frentero <i>nm</i> miner employed at the working | function <i>f. generatriz</i> generating function <i>f.</i> |
| face of a mine | <i>periódica</i> periodic function |
| friabilidad <i>adj</i> friability | fundente <i>adj</i> melting <i>nm</i> flux |
| fricción <i>nf</i> friction | fundible <i>adj</i> fusible, easily melted |
| frigoría <i>nf</i> kilocalorie | fundición <i>nf</i> smelting casting fusion |
| frijolillo <i>nm</i> [Guanajuato, Méx] conglomerate | melting foundry, smelting works |
| frísol <i>nm</i> [Col] kidney-bean shaped cobble | fundido,-da <i>adj</i> melted, fused |
| found in washing auriferous gravels | fundidor <i>nm</i> smelter |
| fritamiento <i>nm</i> chilling effect | fundir <i>vtr</i> to melt, smelt of cast metal to fuse |
| frontón <i>nm</i> cliff (coastal) pediment working | <i>vpr</i> to melt |
| face (mines) | fundirse <i>vpr</i> to fuse, melt |
| fruta de mono <i>nf</i> gold pan made from the shell | fuque <i>nm</i> [Méx] deepest point of an excavation |
| of a <i>fruta de mono</i> | furo <i>nm</i> channel |
| fruto <i>nm</i> ore yield or product <i>en frutos</i> in | fusalina <i>nf</i> smelting works |
| ore, carrying ore | fusibilidad <i>nf</i> fusibility |
| fucsita <i>nf</i> fuchsite | fusión <i>nf</i> fusion, melting <i>f. residual</i> residual |
| fuchsita <i>nf</i> fuchsite | melt |
| fucoide <i>nm</i> fucoïd | fusionar <i>vtr</i> [Arg] to fuse, melt |
| fuente <i>nm</i> spring or source <i>f. alcalina</i> alkaline | fusolina <i>nf</i> [Arg, Sp] smelter |
| spring <i>f. artesiana</i> artesian spring <i>f.</i> | fusulina <i>nf</i> fusulinid |
| ascendente artesian spring <i>f. burga</i> boiling | |

G

gabarro *nm* xenolith | nodular fragment of rock or ore
gábrico,-ca *adj* gabbroic
gabro *nm* gabbro
gadolino *nm* gadolinium
galactita *nf* fuller's earth
galápago *nm* pig of copper, lead or tin
galemador *nm* furnace for roasting silver ores
galemar *vtr* to roast silver ores
galeme *nm* [Méx] a reverberatory furnace of 1 to 3 arrobas capacity
galenita *nf* galena
galera *nf* an irregularly shaped ore deposit | furnace for distilling sulphur
galería *nf* gallery | *g. cárstica* karst cave
galerón *nm* an irregular deposit of large size
galga *nf* boulder
galmeíta *nf* carbonates and silicates of zinc
galleta *nf* [Asturias, Sp] screened coal (20-50 mm)
gallinazo *nm* [Titiribí, Col] sphalerite
gallo *nm* [Méx] rich ore with needles or grains of gold and silver | a lump of native metal, nugget
gambusino *nm* prospector | [Méx] itinerant miner who high-grades a deposit and then moves on to another
gamella *nf* gold pan
gammagrafía *nf* gamma ray log
gándara *nf* low wasteland
ganchudo,-da *adj* hackly
gandinga *nf* fine ore | *nfppl* concentrates
gang *nm* dike | vein
ganga *nf* gangue | *g. cuarzosa* vein quartz
ganita *nf* gahnite
garbancillo *nm* [Sp] fine gravel
garbillar *vtr* to screen (minerals)
garbillo *nm* screen
garganta *nf* gorge
gas *nm* natural gas | gasoline | *g. acido* sour gas | *g. asociado* associated gas | *g. condensado* gas condensate | *g. crudo* raw gas | *g. de petróleo* liquified petroleum gas | *g. de pozo de petróleo* bradenhead gas | *g. disuelto* solution gas | *g. grisú* methane | *g. húmedo* condensate rich gas, wet gas | *g. juvenil* juvenile gas | *g. libre* unassociated gas | *g. licuado* condensate | *g. natural* natural gas | *g. no asociado*

nonassociated gas | *g. pobre* lean gas, producer gas | *g. seco* dry gas
gasificación *nf* gasification
gasificar *vtr* to gasify
gasoducto *nm* gas pipeline
gasóleo *nm* diesel oil, gas oil
gasolina *nf* gasoline
gastable *adj* erodible
gastar *vtr* to wear away, erode
gasterópodo *nm* gastropod
gasto *nm* volume of flow, discharge | *g. de derrame* runoff rate | *g. sólido* bed load
gastos *nmpl* charges, expenses, costs | *g. de desarrollo* development costs | *g. de fundición* smelting charges
gausio *nm* gauss
gaveta *nf* [PR] gold pan
gaylussita *nf* gaylussite
gedinniano,-na *adj* Gedinnian
gedinniense *nm* Gedinnian
géiser *nm* geyser
geiserita *nf* geyserite
gelatinoso,-sa *adj* colloid, gelatinous
gelificarse *vpr* to gel
gelificación *nf* congelifraction
gelisol *nm* frozen ground
gelivación *nf* congelifraction
geloide *nm* firn ice
gema *nf* gem, precious stone
geminación *nf* twinning
gemmología *nf* gemmology
gemmoscopio *nm* binocular microscope
género *nm* genus (*pl genera*)
genético,-ca *adj* genetic
genotipo *nm* genotype
geoanticlinal *nm* geoanticline, geanticline
geociencia *nf* geoscience, earth science
geocrático,-ca *adj* epeirocratic
geocronita *nf* geochronite
geocronología *nf* geochronology
geocronológico,-ca *adj* geochronological
geoda *nf* geode
geodepresión *nf* geodepression
geodesía *nf* geodesy
geodésico,-ca *adj* geodesic, geodetic | *nf* geodesy, geodetics
geodesta *nm* geodesist
geodético,-ca *adj* geodetic
geodinámico,-ca *adj* geodynamic | *nf* geodynamics
geofísico,-ca *adj* geophysical | *nf* geophysics |

- nm/f geophysicist | g. aplicado applied geophysicist*
geófono nm geophone
geognosia nf geology
geohidrología nf geohydrology
geoide nm geoid
geoisoterma nf geoisotherm
geología nf geology | *g. aplicada applied geology | g. aplicada a la ingeniería engineering geology | g. de minas mine geology | g. del petróleo petroleum geology | g. dinámica dynamic geology | g. económica economic geology | g. estructural structural geology | g. física physical geology | g. general general geology | g. histórica historical geology | g. marina marine geology*
geológico,-ca adj geological
geólogo,-ga nm/f geologist
geomagnético,-ca adj geomagnetic | *nf geomagnetics*
geomagnetismo nm geomagnetism
geomorfología nf geomorphology
geoquímico,-ca adj geochemical | *nm or f geochemist | nf geochemistry*
georgiano,-na adj Georgian
Georgiense nm Georgian
geosinclinal adj geosynclinal | *nm geosyncline, geosynclinal*
geosutura nf geosuture
geotéctonico,-ca adj tectonic | *nf geotectonics*
geotérmico,-ca adj geothermal | *nf geothermics*
germanotípico,-ca adj Germanotype
gersdorffita nf gersdorffite
giba nf hump (rundhöcker)
gibsita nf gibbsite
gigante nm monitor, giant (used in hydraulic mining of placers)
giobertita nf magnesite
girasol nm fire opal
givetiano,-na adj Givetian
givetiense adj Givetian
glaciación nf glaciation | *g. final latest (Würm) glaciation | g. local local glaciation*
glaciar adj glacial | *nm glacier | g. activo active glacier | g. alpino alpine or mountain glacier | g. colgante hanging glacier | g. continental continental glacier | g. de circo cirque glacier | g. de montaña alpine or mountain glacier | g. de plateau plateau glacier | g. de roca rock glacier | g. de valle alpine or valley glacier | g. fluyente active or flowing glacier | g. groenlandés*
continental glacier | g. rocoso rock glacier
glaciario,-ria adj glacial
glaciariismo nm glaciology
glacioelítico,-ca adj glacio-eolitic
glaciología nf glaciology
glaucodot nm glaucophane
glaucofana nf glaucophane
glaucónia nf glauconite
glaucónítico,-ca adj glauconitic
glaucónitización nf glauconitzation
gleba nf [Alicante, Sp] thin layer of precipitated salt | *g. tectónica fault block*
gliptogénesis nf glyptogenesis
globo nm globe, sphere
globulito nm microlite
glóbulo nm globule
globuloso,-sa adj globular
gmelita nf gmelinite
gneis nm gneiss
gnéisico,-ca adj gneissic
gneisoide adj gneissoid
geotita nf goethite
golfo nm gulf
goma nf glue | *g. arábiga gum arabic | g. de tragacanto gum tragacanth*
goniógrafo nm [Sp] plane table
goniómetro nm goniometer
gongora nf [Col] cavity or vug in a lode
gongorado,-da adj vuggy
gotera nf precipitate | *g. calcárea calcareous sinter*
gotlandiense adj Silurian
grada nf stope | *g. al revés overhand stope | g. abierta open stope | g. de relleno filled stope | g. derecha underhand stope | g. ramal branch stope*
gradiente nm gradient | *g. adiobático adiabatic gradient | g. hidráulico hydraulic gradient | g. geotérmico geothermal gradient | g. gravimétrico gravitational gradient | g. térmico thermal gradient*
grado nm degree | gradient | *g. de libertad degrees of freedom | g. geotérmico geothermal gradient*
graficador nm plotter
gráfico,-ca adj graphic | *nf graphics | graph, chart | nm graph, chart*
grafítico,-ca adj graphitic
grafito nm graphite | *g. natural natural graphite*
grafitoso,-sa adj [Vz] graphitic
gramo nm gram
granada nf garnet

- granalla** *nf* small grains of metal, generally gold
granate *adj* garnet (color) | *nf* garnet |
 [Guadalcázar, Méx] crystalline cinnabar | *g.*
almandino almandinite
granatífero,-ra *adj* garnetiferous, garnet-bearing
grancilla *nf* [Sevilla, Sp] screened coal (15-30
 mm) | [Asturias, Sp] screened coal (5-12 mm)
granipórfido,-da *adj* [Vz] granophyre
granítico,-ca *adj* granitic
granitización *nf* granitization
granito *nm* granite | small grain | hair, streak
 or point that diminishes the quality of a
 diamond | *g. anfibólico* amphibole granite | *g.*
biotítico biotite granite | *g. micáceo* mica granite
 | *g. potásico* potash granite
granitoide *nm* granitoid
granitoideo,-dea *adj* granitoid
grano *nm* grain | grain, a weight | *de g. fino* fine
 grained | *de g. grueso* coarse grained | *de g.*
medio medium grained
granoblástico,-ca *adj* granoblastic
granofírico,-ca *adj* granophytic
granofiro *nm* granophyre
granosidad *nf* granularity
granoso,-sa *adj* granular
granudo,-da *adj* granular, granulate, granulated
granulación *nf* granulation
granulado,-da *adj* granulated | *nm* granulation
granular *adj* granular, granulate, granulated
gránulo *nm* granule
granulometría *nf* granulometry
granuloso,-sa *adj* granulose, granular
granza *nf* [Arg] crushed stone | [New Almaden,
 Calif] coarse mercury ore | [Cu] gravel |
 [Méx] fragments of ore from about the size of
 rice to that of an egg | [Guanajuato, Méx]
 fourth class of ore, about 80 ounce silver to the
 ton | *g. de yunque* [San Dimas, Méx] smalls |
 [Huitzuco, Méx] middlings of mercury ore |
 [Asturias, Sp] screened coal (10-25mm)
granzita *nf* [Almadén, Sp] coarse-grained ores
granzón *nm* gravel
graptolito *nm* graptolite
grasero *nm* slag pile
grasoso,-sa *adj* greasy
graувака *nf* greywacke | *g. feldespática* arkosic
 wacke
graувака *nf* greywacke
grava *nf* gravel | [Cartagena, Sp] ore of 6 to 8
 percent lead | *g. de boleos* boulder gravel | *g. de*
cantera pit gravel | *g. de guijas* [Vz] granule
gravel | *g. de mina* pit gravel | *g. de playa* beach
 gravel | *g. en bruto* pit-run gravel | *g. fluvial*
 river gravel | *g. graduada* graded gravel | *g.*
provechosa pay gravel | *g. sin cribar* unscreened
 gravel | *g. tal como sale* unscreened gravel
gravedad *nf* gravity | *g. específica* specific
 gravity
gravadora *nf* [Sp] gravel screen
gravera *nf* gravel pit
gravilla *nf* fine gravel
gravilladora *nf* [Sp] gravel screen
gravimetria *nf* gravimetry
gravimétrico,-ca *adj* gravimetric
gravímetro *nm* gravimeter
gravitación *nf* gravitation, gravity
gravitacional *adj* gravitational
gravoso,-sa *adj* [Méx] gravelly
greca *nf* irregular workings
greda *nf* marl | chalk | fuller's earth | [Bol]
 barren gravel above pay-dirt in placers | [Guy]
 highly altered schist bedrock to placers | [Vz]
 pay-dirt | *g. dura* [Col] carboniferous, iron-
 bearing schist
gredal *nm* clay pit
gredoso,-sa *adj* chalky, marly, clayey
grenoquita *nf* greenockite
gremio *nm* society, guild, corporation | trade
 union | *g. de azogueros* [Potosí, Bol] association
 of miners | *g. de cumuris* association of ore
 transporters | *g. de dueños* association of
 (mostly absentee) mine owners | *g. de mineros*
 miner's association
gres *nm* sandstone | potter's clay
greta *nf* fuller's earth | [Méx] litharge
gretoso *nm* [Chico, Méx] silver sulfide-bearing
 gossan
grieta *nf* narrow fissure, crack, crevice | joint |
g. autoclástica autoclastic fissure | *g. capilar*
 hairline crack | *g. de contracción* frost crack | *g.*
de desecación mud crack | *g. de enfriamiento*
 cooling joint | *g. de erupción* fissure vent | *g. de*
glaciar crevasse | *g. glaciar* crevasse | *g.*
marginal marginal crevasse
grietarse *vpr* to crack
grieteado,-da *adj* cracked
grieteo *nm* formation of fissures
grietoso,-sa *adj* cracked
gris *adj* grey | *nm* grey | *g. perla* pearl grey
grisáceo,-cea *adj* greyish
grosor *nm* thickness
grosularia *nf* grossularite

grosularita <i>nf</i> grossularite	guaraturo <i>nm</i> [Vz] flint quartz
grueso,-sa <i>adj</i> thick coarse hard (water)	güedal <i>nm</i> [Inguaran, Méx] copper skarn
grueso <i>nm</i> thickness of a bed, vein, etc.	deposit
[Sevilla, Sp] large coal (600mm in size)	guía <i>nf</i> highest grade part of an orebody [Ch]
[Arnao, Sp] coal up to 7 cm in size	small, lateral veins [Pe] veinlet in a
grupo <i>nm</i> group cluster <i>g. de volcanes</i>	stockwork <i>g. mejicana</i> small earthenware
volcanic cluster	plate in which amalgam was tested during the
gruta <i>nf</i> cave, grotto, cavern	<i>patio</i> process of amalgamation of silver ores
guache <i>nm</i> [Col] a layer between pay-dirt and	guija <i>nf</i> pebble, gravel, cobble matrix, gangue
overburden of low-grade in placers loose	[Méx] milky or bull quartz [Batopilas,
stones derived from bedrock of a placer	Méx] calcite <i>g. de oro</i> [Guanajuato, Méx] gold-
guadaloso,-sa <i>adj</i> swampy	bearing quartz
guaico <i>nm</i> [Col] excavation of indigenous origin	guijarra <i>nf</i> stony place
guaira <i>nf</i> [Bol, Pe] a small, clay windblown	guijarro <i>nm</i> cobble, pebble, stone
smelting furnace used by Indians to refine	guijarroso,-sa <i>adj</i> stony, pebbly
high-grade silver ores	guijo <i>nm</i> gravel
gualda <i>nf</i> [Pe] chalcopyrite [Chacas, Pe]	güijole <i>nm</i> [Durango, Méx] wood tin found in
bornite	rhyolite, generally kidney shaped
gualdado,-da <i>adj</i> yellow	guijoso,-sa <i>adj</i> pebbly, gravelly
gualdo,-da <i>adj</i> yellow	guinche <i>nm</i> winch hoist
guanero,-ra <i>adj</i> guano	guiñar <i>vtr</i> to change direction, as for a vein, etc.
guaracú <i>nm</i> [Col] basalt, diorite, or greenstone	güiris <i>nm</i> mining expert

H

haba *nf* nodule | nodular (bean-like) piece of ore encased in gangue
habilitación *nf* outfit, equipment; fitting out
habilitar *vtr* to equip, fit out
hábito *nm* habit
hacer *vtr* to make | *h. la ceja* [Col] to recover gold from a gold pan | *h. mina* to make a mine, that is, be profitable to work | *h. tierras* [Méx] to work a placer
hacienda *nf* smelting or reduction works | *h. de beneficio* amalgamation works | *h. de cianuración* cyanide plant | *h. de fundición* smelting works | *h. de maquila* custom mill
halmirógeno,-na *adj* halmyrogenic
halmirolisis *nf* halmyolysis
halocínesis *nf* halokinesis, salt tectonics
halogénico,-ca *adj* halogenic
halógeno,-na *adj* halogenous | *nm* halogen
haloisita *nf* halloysite
halotriquita *nf* halotrichite
hallazgo *nm* discovery, as of a deposit, etc.
halloisita *nf* hallyosite
hamada *nf* hammada
hankoamaña *nm* [Potosí, Bol] member of a *cuadrilla* or gang of weekend mestizo miners who worked the mines for their own benefit from Saturday night to Monday nights and on feast days
harina *nf* fine powder of metal or ore | *h. de roca* rock flour | *h. fósil* or *silicea* diatamaceous earth or tripoli
harmotoma *nf* harmotome
harnear *vtr* [Col, Ch] to sift, screen
hastial *nm* lateral wall of an excavation | surface of any wall of a deposit | side of a deposit | *h. de piso* [Bol] footwall | *h. de techo* [Bol] hanging wall
hauteriviano,-na *adj* Hauterivian
hauteriviense *adj* Hauterivian
haüyna *nf* hauynite, hauyne
haz *nf* group of deposits
hebra *nf* vein | layer, bed or stratum
hebrudo *nm* [Huitzoco, Méx] barcenite
hectara *nf* hectare
hectárea *nf* hectare
hediondo,-da *adj* fetid
helero *nm* glacier | ice sheet
helio *nm* helium

heliodoro *nm* heliodor (gem beryl)
heliotropo *nm* heliotrope, bloodstone
helveciano,-na *adj* Helvetian
helveciense *adj* Helvetian
helvetiano,-na *adj* Helvetian
helvetiense *adj* Helvetian
hematita *nf* hematite | *h. botrioidea* botryoidal hematite | *h. especular* specular hematite | *h. ocrosa* ocherous hematite | *h. oolítica* oolitic hematite | *h. parda* limonite | *h. roja* non-specular (red) hematite
hematítico,-ca *adj* hematitic
hematización *nf* hematization
hembergiense *adj* Hembergian
hemera *nf* hemera
hemiedro,-dra *adj* hemihedral
hemimórfico,-ca *adj* hemimorphic
hemimorfita *nf* hemimorphite
hemipelágico,-ca *adj* hemipelagic
hemisférico,-ca *adj* hemispheric
hemisferio *nm* hemisphere
hender *vtr/pr* to cleave, split, crack
hendible *adj* fissile, cleavable
hendidura *nf* fissure, crevice, crack, split or rent | rift
hendimiento *nm* splitting, cleaving, cracking
heptano *nm* heptane | *h.-normal* n-heptane
herciniano,-na *adj* Hercynian
hercinita *nf* hercynite
hercio *nm* Hertz
herido *nm* [Ch] trench
hervezón *nm* [Col] alluvium
hervidero *nm* boiling spring | mud volcano
hesita *nf* hessite
hetangiano,-na *adj* Hetangian
hetangiense *adj* Hetangian
heteroblástico,-ca *adj* heteroblastic
heteromorfismo *nm* heteromorphism
heterópico,-ca *adj* heteropic
heteroscedasticidad *nf* heteroscedasticity
hettangiense *adj* Hettangian
hexaedro *nm* hexahedron
hexeno *nm* hexane
hialino,-na *adj* hyaline | *nf* hyaline
hialita *nf* hyalite
hiato *nm* hiatus
híbrido,-da *adj* hybrid | *nm* hybrid
hidatógeno,-na *adj* hydatogenic
hidrargillita *nf* hydrargillite
hidratación *nf* hydration
hidratar *vtr* to hydrate

hidrato <i>nm</i> hydrate		vein <i>h. del criadero</i> strike or direction of a deposit <i>h. del desposorio</i> [Villalpando, Méx]
hidrocarburo <i>nm</i> hydrocarbon		small veins of gold-bearing clay <i>a h. de veta</i> along strike of a vein
hidrocincita <i>nf</i> hydrozincite		
hidrocloruro <i>nm</i> hydrogen chloride		
hidrocraqueo <i>nm</i> hydrocracking		hinchado,-da <i>adj</i> swollen
hidrodinámico,-ca <i>adj</i> hydrodynamic		hincharse <i>vpr</i> to swell, as for clays
hidrógeno <i>nm</i> hydrogen <i>h. pesado</i> deuterium <i>h. sulfurado</i> hydrogen sulfide		hinchazón <i>nm</i> increase in volume of rock
hidrogeología <i>nf</i> hydrogeology		extracted from a mine due to breakage
hidrografía <i>nf</i> hydrography		hiperstena <i>nf</i> hypersthene
hidrolacolito <i>nm</i> pingo		hipidiomorfo,-fa <i>adj</i> hypidiomorphic
hidrólisis <i>nf</i> hydrolysis		hipocentro <i>nm</i> hypocenter
hidrolita <i>nf</i> hydrolith		hipocrystalino,-na <i>adj</i> hypocrystalline
hidrología <i>nf</i> hydrology <i>h. de aguas subterráneas</i> groundwater hydrology		hipogénico,-ca <i>adj</i> hypogene
hidrólogo <i>nm</i> hydrologist		hipolímnico,-ca <i>adj</i> hypolimnetic
hidromuscovita <i>nf</i> illite		hipomagma <i>nf</i> hypomagma
hidrosfera <i>nf</i> hydrosphere		hipótesis <i>nf</i> hypothesis <i>h. alternativa</i> alternative hypothesis <i>h. compuesta</i> compound hypothesis <i>h. nula</i> null hypothesis <i>h. simple</i> simple hypothesis
hidrosilicato <i>nm</i> hydrosilicate		histograma <i>nm</i> histogram
hidrostático,-ca <i>adj</i> hydrostatic		historia <i>nf</i> history <i>h. de la tierra</i> earth's history
hidrotermal <i>adj</i> hydrothermal		hito <i>nm</i> survey monument <i>h. de límite</i> boundary monument
hidrotérmico,-ca <i>adj</i> hydrothermal		hocino <i>nm</i> narrows, canyon, gorge
hidróxido <i>nm</i> hydroxide		hofmanita <i>nf</i> hofmannite
hielo <i>nm</i> ice <i>h. de glaciar</i> glacial ice		hogar <i>nm</i> hearth <i>h. escoriador</i> slag hearth <i>de h. abierto</i> open hearth
 hierro <i>nm</i> iron iron ore [Méx] low grade silver ore of 20 to 35 ounce per ton <i>h. acicular</i> goethite <i>h. arcilloso</i> clayey ironstone <i>h. arsenical</i> arsenopyrite <i>h. azul</i> vivianite <i>h. blanco</i> arsenopyrite <i>h. brillante</i> specularite <i>h. cromado</i> chromite <i>h. de pradera</i> bog iron ore <i>h. de (los) pantanos</i> bog iron ore <i>h. de (los) prados</i> bog iron ore <i>h. de los estanques</i> bog iron ore <i>h. espáctico</i> siderite <i>h. especular</i> specularite <i>h. espejado</i> specularite <i>h. espinela</i> hercynite <i>h. fangoso</i> bog iron ore <i>h. limoso</i> bog iron ore <i>h. magnético</i> magnetite <i>h. magnetífero</i> [Cartagena, Sp] ore carrying 33% metallic iron <i>h. meteórico</i> iron from a meteor <i>h. nativo</i> native iron <i>h. oligisto</i> hematite <i>h. pantanoso</i> bog iron ore <i>h. pardo</i> limonite <i>h. rojo</i> hematite <i>h. seco</i> [Cartagena, Sp] ore carrying 50% or better metallic iron <i>h. titanado</i> ilmenite <i>h. viejo</i> scrap iron [Pe] iron oxide-rich silver ore	<i>hoja</i> <i>nm</i> slab or sheet (of metal) nappe <i>h. de arrastre</i> nappe <i>h. de libro</i> [Guanajuato, Méx] amelite <i>h. de papel</i> finely laminated clay, slate or talc <i>h. de pizarra</i> slab of slate	
hígado <i>nm</i> [Pe] gold-bearing iron oxide a lenticular deposit of gold		hojoso,-sa <i>adj</i> laminated
hijuela <i>nf</i> small thread of ore or mineral		holmio <i>nm</i> holmium
hilo <i>nm</i> small vein or thread of ore in a vein <i>h. alto</i> small vein coming out of the hanging wall <i>h. bajo</i> small veins going into the footwall <i>h. de cajón</i> vertical vein <i>h. de la veta</i> strike of a		holocénico,-ca <i>adj</i> Holocene
		holoceno,-na <i>adj</i> Holocene <i>nm</i> Holocene
		holocristalino,-na <i>adj</i> holocrystalline
		holoedro <i>nm</i> holohedron
		holocarst <i>nm</i> holokarst
		holotipo <i>nm</i> holotype
		homeoblástico,-ca <i>adj</i> homeoblastic
		homoclinal <i>nm</i> homoclinal
		homogeneidad <i>nf</i> homogeneity
		homogéneo,-nea <i>adj</i> homogenous
		homoscedasticidad <i>nf</i> homoscedasticity
		homotáxico,-ca <i>adj</i> homotaxial
		hondo,-da <i>adj</i> deep low, low-lying (land) <i>nm</i> bottom depth
		hondonada <i>nf</i> trough, depression hollow, dip, ravine <i>h. cárstica</i> karst depression
		hondura <i>nf</i> depth [Col] large pothole in bedrock of a placer

- horizonte** *nm* bed, layer, stratum | seam | horizon | *h. del suelo* soil horizon | *h. guía* datum | *h. petrolífero* oil-bearing formation
- hornablenda** *nf* hornblende | *h. esquistosa* hornblende schist
- hornabléndico,-ca** *adj* hornblende
- hornablendeífero,-ra** *adj* hornblende-bearing
- hornacho** *nm* excavation
- hornada** *nf* [met] a melt
- hornaguear** *vtr* to work or extract hard coal
- hornaguera** *nf* hard coal | *h. apizarrada* slate coal | *terreno de h.* coal measures
- hornaguero,-ra** *adj* bearing hard coal
- hornaza** *nf* small furnace
- hornfelsa** *nf* hornfels
- hornfelsítico,-ca** *adj* hornfelsic
- hornillo** *nm* small furnace
- horno** *nm* kiln | furnace | *h. de cal* lime kiln | *h. de ensayar* assay furnace | *h. de foso* pit furnace | *h. de fundición* smelting furnace | [Méx] blast furnace | *h. de reverbero* reverberatory furnace
- horrura** *nf* scoria, dross
- horsteno** *nm* chert
- hoya** *nf* any deep excavation | pit, ditch, hole | basin, trough | sink | pothole in a river bed | valley, dale | [Pe] river bed | *h. de drenaje* watershed | *h. de explosión* shot hole | *h. glacial* kettle hole
- hoyada** *nf* depression, hollow, dip
- hoyar** *vtr* to dig holes in, make holes
- hoyo** *nm* hole, pit | *h. de disparo* shot hole
- hoz** *nf* gorge, ravine
- huachaca** *nf* [Cerro de Pasco, Pe] ore paid to workers or lessors
- huaico** *nm* [Arg, Pe] debris flow, mud flow
- huaillaripear** *vtr* [Pe] to steal ore | to extract gold from tailings by means of running water and sheepskins
- huairona** *nf* [Pe] lime kiln
- huairuna** *nf* [Pe] small, earthen retort used to recover mercury from amalgam
- huambi** *nm* [Pe] realgar
- huarina** *nf* [Potosí, Bol] member of a *cuadrillo* or gang of weekend *creole* miners who worked the mines for their own benefit from Saturday night to Monday morning and on feast days
- huayre** *nm* [Potosí, Bol] clay reduction furnace once used by Indians
- huecarrera** *nf* cavern filled with ore in the form of stalagmites and stalactites
- hueco,-ca** *adj* hollow | loose | *nm* vug
- huella** *nf* track, trace | [Méx] trace of gold recovered in assaying | *h. de fisión* fission track
- hueso** *nm* [Ch] yellowish, compact sodium nitrate
- huevo** *nm* [Col] belly or swollen piece of ore in a beaded vein | large boulder in alluvium or soil
- huincha** *nf* [Bol, Ch] measuring tape
- huinche** *nm* winch
- huincho** *nm* [Pe] magnetite | hematite
- hulla** *nf* black bituminous coal | *h. apizarrada* slate coal | *h. blanca* white coal | *h. brillante* anthracite | *h. cannel* cannel coal | *h. de llama* bituminous coal | *h. grasa* soft coal | *h. magra* non-coking anthracite | *h. para gas* gas coal | *h. picaforme* jet | *h. seca* coking coal
- hullero,-ra** *adj* coal | *nf* coal mine | coal bed | *nm* coal miner
- hullífero,-ra** *adj* coal-bearing
- hullita** *nf* anthracite
- humedecer** *vtr* to moisten, humidify
- humedad** *nf* humidity | *h. de cantera* quarry water | *h. del suelo* soil moisture
- húmedo,-da** *adj* humid, wet, damp
- humilde metal** *nm* [Pe] silver ore that readily amalgamates
- humita** *nf* humite
- humo** *nm* smoke | *los humos* [Cerro de Pasco, Pe] 'the smoke', a controversy brought about by the installation of a copper smelter without even so much as a bag house for pollution control
- humor** *nm* [BC, Méx] trace
- hundido,-da** *adj* caved | *nm* dip
- hundimiento** *nm* subsidence | caving | dip of a bed | pitch of a fold axis | *h. en caldero* caldron subsidence
- hundirse** *vpr* to dip | to subside | to cave
- huroniano,-na** *adj* Huronian

I

iacotinga *nf* [Br] quartz-hematite-gold ore
 icenense *adj* Icenian | *nm* Icenian
 icosaedro *nm* icosahedron
 icositetraedro *nm* icositetrahedron
 ida y vuelta *nf* round trip (in drilling)
 idioblástico,-ca *adj* idioblastic
 idiocromático,-ca *adj* idiochromatic
 idiógeno,-na *adj* syngenetic
 idiomorfo,-fa *adj* idiomorphic
 idocrasa *nf* vesuvianite, idocrase
 igarapés *nmpl* branches of a river
 igneo,-nea *adj* igneous
 ignífugo,-ga *adj* refractory
 Igualadense *nm* Igualadian
 illita *nf* illite
 iluminación *nf* illumination
 iluvial *adj* illuvial
 imagen *nf* image
 imán *nm* magnet, loadstone | magnetite
 imanación *nf* magnetization
 imanar or imantar *vtr* to magnetize | *vpr* to become magnetized
 imantación *nf* magnetization
 imbibición *nf* imbibition, absorption
 imbricación *nf* imbrication, overlapping
 imbricado,-da *adj* imbricated, imbricate, overlapping
 imbricar *vtr* to imbricate, overlap
 imma *nf* red ochre
 impacción *nf* impact
 impacto *nm* impact
 impar *adj* odd, uneven | *nm* odd number
 impedancia *nf* impedance | *i. acústica* acoustic impedance
 impedirventones *nmpl* [Vz] blowout preventer (on a drill rig)
 impermeabilidad *nf* impermeability
 impermeable *adj* impermeable | impervious
 impregnación *nf* impregnation
 impregnado,-da *adj* impregnated
 impregnar *vtr* to impregnate | *vpr* to become impregnated
 impresión *nf* impression, imprint
 impronta *nf* impression, imprint, cast, mark
 impuesto *nm* tax | *i. de producción* severance tax
 impulsar *vtr* to drive
 impulsión *nf* natural drive mechanism for oil and gas pools | *i. por agua* water drive | *i. por*

casquete de gas gas cap drive | *i. por gas disuelto*
 solution gas drive | *i. por gravedad* gravity drive
 impulso *nm* impulse
 impureza *nf* impurity
 impurificado,-da *adj* impure, contaminated
 impurificar *vtr* to contaminate
 impuro,-ra *adj* impure
 inagotable *adj* inexhaustible
 inanga *nf* a gray nephrite
 inarmónico,-ca *adj* disharmonic, inharmonic
 incarbonización *nf* coalification
 inciso,-sa *adj* incised
 inclinación *nf* declivity, slope | gradient | [Arg, Ch] dip | *i. magnética* magnetic dip | *sin i.* aclinic
 inclinado,-da *adj* inclined
 inclinarse *vpr* to dip | to slope, rake
 inclinómetro *nm* dipmeter | clinometer, inclinometer
 incluído,-da *adj* imbedded, included
 inclusión *nf* inclusion | *i. anexa* cognate inclusion | *i. de escoria* salg inclusion | *i. exógena* xenolith | *i. fluida* fluid inclusion | *i. gaseosa* gas inclusion | *i. negativa* negative crystal | *i. sólida* solid inclusion
 incoherente *adj* incoherent, unconsolidated
 incoloro,-ra *adj* colorless
 incolumita *nf* flexible sandstone
 incompetente *adj* incompetent
 incongruente *adj* incongruent, incongruous
 inconsiguiente *adj* inconsequent
 inconsistente *adj* unstable, loose, uncompacted
 incorporación *nf* incorporation (coalification)
 increción *nf* increment
 incremento *nm* increment, recharge
 incrustación *nf* incrustation, inlay | scale
 incrustado,-da *adj* incrusted, incrustate | embedded
 incrustante *adj* incrusting, scale-forming | *nm* incrustant
 incrustar *vtr* to incrust, inlay | *vpr* to embed itself
 incurrente *adj* incurrent, influent
 independencia *nf* independence | *i. en probabilidad* indepenence in probability
 indicación *nf* indication, generally favorable for ore
 indicador *nm* radioactive tracer | *i. de deformación* strain gauge | *i. de desviación* drift indicator | *i. de pH* pH meter | *i. de profundidad*

depth meter	
indicatriz <i>nf</i> indicatrix	
índice <i>nm</i> index <i>i. calco-alcalino</i> alkali-lime index <i>i. de dureza</i> hardness number <i>i. de escurrimiento</i> runoff coefficient <i>i. de hinchamiento</i> swelling index <i>i. de marea fósil</i> index fossil <i>i. de petróleo</i> show of oil <i>i. de Prandtl</i> Prandtl number <i>i. de productividad</i> productivity index (crude oil) <i>i. de refracción</i> index of refraction <i>i. de Reynold</i> Reynold's number <i>i. K K</i> index	
indicios <i>nmpl</i> traces, indications	
indigación <i>nf</i> search examination	
índigo <i>adj/nm</i> indigo <i>i. de cobre</i> covellite	
indigolita <i>nf</i> indicolite	
indio <i>nm</i> indium <i>i. de faltriquera</i> Indian who avoided the <i>mita</i> by means of a fee paid to his employer	
indisolubilidad <i>nf</i> insolubility	
indistinto,-ta <i>adj</i> indistinct	
indos <i>nmpl</i> [Vz] invert	
inducción <i>nf</i> induction inference <i>i. estadística</i> statistical inference	
inducido,-da <i>adj</i> induced	
inducidor,-dora <i>adj</i> inducing <i>nm</i> inducer	
inducir <i>vtr</i> to induce	
inductancia <i>nf</i> inductance	
inductivo,-va <i>adj</i> inductive	
inductor,-ora <i>adj</i> inducing <i>nm</i> inductor <i>i. de tierra</i> earth inductor	
induración <i>nf</i> induration	
indurar <i>vtr</i> to indurate	
indurado,-da <i>adj</i> indurated	
industria <i>nf</i> industry <i>i. extractiva</i> mining industry <i>i. minera</i> mining industry <i>i. petrolera</i> petroleum industry	
inerte <i>adj</i> inert <i>nmpl</i> aggregates	
inestable <i>adj</i> unstable	
inestabilidad <i>nf</i> instability	
inexacto,-ta <i>adj</i> inaccurate	
inexploitable <i>adj</i> unexploitable	
inexploitado,-da <i>adj</i> unexploited	
inexplorado,-da <i>adj</i> unexplored	
infeccionar <i>vtr</i> [Pe] to contaminate, pollute	
infecundo,-da <i>adj</i> barren of ore, sterile	
inferior <i>adj</i> lower inferior	
infiltración <i>nf</i> infiltration	
infiltrar <i>vtr</i> to infiltrate	
infiltrarse en <i>vpr</i> to infiltrate into	
inflación <i>nf</i> tumescence inflation	
inflado,-da <i>adj</i> inflated	
inflexión <i>nf</i> inflection	
influjo <i>nm</i> inflow flood tide	
informador <i>nm</i> oil scout	
Infracámbrico <i>nm</i> Infracambrian	
infraglacial <i>adj</i> subglacial	
inframarginal <i>adj</i> inframarginal	
infrapuesto,-ta <i>adj</i> underlying	
infrarrojo,-ja <i>adj</i> infrared <i>nm</i> infrared	
infrayacente <i>adj</i> underlying	
infundible <i>adj</i> infusible	
infusorio,-ria <i>adj</i> infusorial	
infusoriolita <i>nf</i> diatomaceous earth	
ingeniería <i>nf</i> engineering <i>e. minera</i> mining engineering <i>e. petrolera</i> petroleum engineering	
ingeniero <i>nm</i> engineer <i>i. de lodos</i> mud engineer <i>i. de minas</i> mining engineer <i>i. de nivel</i> [Ec] levelman <i>i. minero</i> mining engineer <i>i. petrolero</i> petroleum engineer	
ingenio <i>nm</i> mill, usually consisting of two stamps smelting works sluice	
ingresión <i>nf</i> ingestion	
ingreso <i>nm</i> entrance <i>nmpl</i> earnings, revenues	
inhalante <i>adj</i> incurrent	
inhomogeneidad <i>nf</i> inhomogeneity	
inmadurez <i>nf</i> immaturity	
inmaduro,-ra <i>adj</i> immature	
inmersión <i>nf</i> immersion	
inmerso,-sa <i>adj</i> immersed	
inmiscibilidad <i>nf</i> immiscibility	
inmiscible <i>adj</i> immiscible	
inorgánico,-ca <i>adj</i> inorganic	
inosilicato <i>nm</i> inosilicate	
inquilinato <i>nm</i> leasehold	
insecuente <i>adj</i> insequest	
ínsito,-ta <i>adj</i> in situ	
insolito <i>nm</i> insolith	
insolubilidad <i>nf</i> insolubility	
insula <i>nf</i> island	
insularidad <i>nf</i> insularity	
intensidad <i>nf</i> intensity	
interarrecife <i>nm</i> interreef	
intercalación <i>nf</i> intercalation inset <i>i. en forma lenticular</i> interlensing	
intercalado,-da <i>adj</i> intercalated, interjacent <i>nm</i> intercalate	
intercalar <i>vtr</i> to intercalate	
intercapa <i>nf</i> interbed	
intercarga <i>nf</i> interburden	
interclusión <i>nf</i> intercalation	

intercorriente <i>adj</i> interstream	exploración
intercrecimiento <i>nm</i> intergrowth	investigar <i>vintr</i> to research, investigate, explore
intercuenca <i>nf</i> interbasin	inyección <i>nf</i> injection <i>i. de agua</i> water flood or injection <i>i. de espuma</i> foam injection <i>i. de gas</i> gas injection <i>i. de vapor</i> steam flooding or injection <i>i. forzada</i> forced injection <i>i.</i> <i>magmática</i> magmatic injection
intercúmulo <i>nm</i> intercumulus	inyectado,-da <i>adj</i> injected
interdigitación <i>nf</i> intertounging, interfingering	inyectar <i>vtr</i> to inject
interdigitado,-da <i>adj</i> intertounged, interfingered	iónico,-ca <i>adj</i> ionic
interduna <i>nf</i> interdune	ionización <i>nf</i> ionization
interestratificación <i>nf</i> interbedding	ionizar <i>vtr/pr</i> to ionize
interestratificado,-da <i>adj</i> interbedded	ionógeno,-na <i>adj</i> inorganic
interestratificar <i>vtr</i> to interbed	ipabismal <i>adj</i> hypabyssal
interfaz <i>nf</i> interface	ir a peña <i>vtr</i> [Col] to hit a paystreak in a placer
interferencia <i>nf</i> interference	iridio <i>nm</i> iridium <i>i. nativo</i> native iridium
interfluvio <i>nm</i> interfluve	iridiscencia <i>nf</i> iridescence
interlacustre <i>adj</i> interlacustrine	iridiscente <i>adj</i> iridescent
interlobulado,-da <i>adj</i> interlobate	iridosmina <i>nf</i> iridosmine, iridosmium
intermedio,-dia <i>adj</i> intermediate	iris <i>nm</i> iridescent hyaline quartz <i>i. calcedonia</i> iridescent chalcedony <i>i. citrino</i> yellow hyaline quartz
intermitente <i>adj</i> intermittent	irisación <i>nf</i> iridescence
interno,-na <i>adj</i> inner, interior internal	irisado,-da <i>adj</i> iridescent
interpartícula <i>nf</i> interparticle	irisar <i>vintr</i> to iridesce, be iridescent <i>vpr</i> to become iridescent
interplegamiento <i>nm</i> interfolding	irradiación <i>nf</i> irradiation
interpolación <i>nf</i> interpolation	irradiar <i>vtr</i> to irradiate
interpolar <i>vtr</i> to interpolate	isla <i>nf</i> island <i>i. de barrera</i> barrier island <i>i. en</i> <i>rosario</i> island chain <i>i. oceánica</i> oceanic island
interprecipitado <i>nm</i> interprecipitate	isleo <i>nm</i> klippe island <i>i. cobijante</i> erosional remnant
intersección <i>nf</i> [math] intercept	isleta <i>nf</i> islet
intersticio <i>nm</i> interstice	islete <i>nm</i> islet
intervalo <i>nm</i> interval <i>i. de aceptación</i>	islilla <i>nf</i> islet
acceptance interval or region <i>i. de clase</i> class	isloté <i>nm</i> islet
interval <i>i. de confianza</i> confidence interval <i>i.</i>	isoanomalía <i>nf</i> isoanomaly
de erosión erosional interval <i>i. de rechaza</i>	isoanómalo,-la <i>adj</i> isoanomalous
rejection interval or region <i>i. intercuartilar</i>	isoantracita <i>nf</i> isoanthracite
interquartile interval	isobara <i>nf</i> isobar
interyacente <i>adj</i> interbedded	isobárico,-ca <i>adj</i> isobaric
intradelta <i>nf</i> delta plain	isobarométrico,-ca <i>adj</i> isobarometric
intrafiloniano,-na <i>adj</i> between veins	isobata <i>nf</i> isobath
intraformacional <i>adj</i> intraformational	isocarbono <i>nm</i> isocarbon
intratelúrico,-ca <i>adj</i> intratelluric	isoclinal <i>adj</i> isoclinal <i>nm</i> isocline
intruido,-da <i>adj</i> intrusive	isoclínico,-ca <i>adj</i> isoclinic
intruir <i>vtr</i> to intrude	isoclino,-na <i>adj</i> isoclinal
intrusivo,-va <i>adj</i> intrusive <i>nf</i> intrusive	isocora <i>nf</i> isochore
intumescencia <i>nf</i> intumescence, swelling	isocromo <i>nm</i> isochrome
inundable <i>adj</i> easily flooded	isocrona <i>nf</i> isochron
inundación <i>nf</i> flood flooding	isócrono,-na <i>adj</i> isochronous
inundado,-da <i>adj</i> flooded, inundated	
inundar <i>vtr</i> to flood, inundate	
inverso,-sa <i>adj</i> inverted, inverse	
invertido,-da <i>adj</i> inverted <i>nm</i> invert	
invertimiento <i>nm</i> [Pe] discharge, outfall	
invertir <i>vtr</i> to invert to plunge (transit) to revert to invest [Pe] to discharge, empty	
investigación <i>nf</i> research, investigation,	

isodina *nf* isomagnetic line
isodinámico,-ca *adj* isodynamic
isofana *nf* franklinite
isogala *nf* isogal
isogama *nm* isogam
isogeotermia *nf* isogeotherm
isógono,-na *adj* isogonic | *nf* isogonic line
isohalina *nf* isohaline
isoíeta *nf* isohyet
isoípsa *nf* contour line
isolínea *nf* isopleth
isomegatía *nf* isomegathy
isomerismo *nm* isomeric
isomerización *nf* isomerization
isómero,-ra *adj* isomeric | *nm* isomer
isometamorfismo *nm* isometamorphism
isomórfico,-ca *adj* isomorphic
isomorfismo *nm* isomorphism
isomorfo *nm* isomorph
isopaca *nf* isopach
isópaco *nm* isopach
isoparafina *nf* isoparaffin
isopentano *nm* isopentane
isopleta *nf* isopleth
isópora *nf* isopore
isopreno *nm* isoprene
isoquímico,-ca *adj* isochemical
isorrumbado,-da *adj* follows the same strike
isosista *nf* isoseismic line
isostasia *nf* isostacy
isostasis *nf* isostacy
isostático,-ca *adj* isostatic
isotangente *nm* isotangent
isoterma *nf* isotherm
isotérmico,-ca *adj* isothermal, isothermal
isotermo,-ma *adj* isothermal
isotípico,-ca *adj* isotypic

isotipo *nm* isotype
isotópico,-ca *adj* isotopic
isótopo *nm* isotope
isotropía *nf* isotropy
isotrópico,-ca *adj* isotropic
isotropismo *nm* isotropism
isótropo,-pa *adj* isotropic
isoyeta *nm* isohyet
istmo *nm* isthmus
itabo *nm* [Vz] inlet
itacolumnita *nf* flexible sandstone
itali *nm* [Méx] obsidian
italita *nf* leucitite
iteración *nf* iteration
iterar *vtr* to iterate
iterativo,-va *adj* iterative
itérbico,-ca *adj* ytterbic
iterbio *nm* ytterbium
itria *nf* yttria
ítrico,-ca *adj* yttric
itrio *nm* yttrium
itrocerita *nf* yttrrocrite
itrofluorita *nf* yttrofluorite
itroilmenita *nf* samarskite
itrotantalita *nf* yttriotantalite
itrotitanita *nf* keilhauite
itztle or itzli *nm* [Méx] obsidian
iu *nm* yu, nephrite
ixtajale *nm* [Tasco, Méx] earthy iron oxide |
 [Zacualpan, Méx] silver sulphide disseminated
 in iron oxides | [Sultepec, Méx] native wire
 and leaf silver with gypsum, cerargyrite,
 argentite, and oxides
izador *nm* hoist
izaje *nm* hoisting
izar *vtr* to hoist
izcu *nm* [Pe] lime

J

jabalcón *nm* trench brace
jabalconar *vtr* to shore, brace, prop
Jabalinense *nm* Acadian
jabeca [Almadén, Sp] a type of furnace used to distill mercury
jable *nf* a fine, white sand
jabón *nm* [Guanajuato, Méx] friable, talcose, silver-bearing ore | [Villa Nueva, Hon] friable, talcose, siliceous, gold and silver sulfide-bearing ore | [Col] slickenside | *j. de montaña* steatite | halloysite | *j. de sastre* steatite, soapstone | *j. de soldado* smectite | *j. de vidrieros* pyrolusite | *j. mineral* smectite
jaboncillo *nm* clay, gouge, generally as an alteration product of country rock | [Potosí, Bol] kaolinite | [Ch] nitrate of soda streaked with lime | [Méx] clay selvage on a vein | steatite, talc
jabre *nm* [Gal] a fine, white feldspathic sand derived from altered granite
jacintina *nf* idocrase
jacinto *nm* hyacinth, jacinth (a transparent red var of zircon) | cinnamon-stone (a var of garnet) | *j. de Ceilán* zircon | *j. de Compostela* dark red crystalline quartz | *j. de disentis* cinnamon-stone, a variety of garnet | *j. de los volcanes* idocrase | *j. occidental* bright yellow variety of topaz | *j. oriental* orange variety of corundum | *j. volcánico* idocrase
Jacksoniense *nm/adj* Jacksonian
jacksonita *nf* prehnite
jacupirangita *nf* jacupirangite | *j. apatítica* apatite jacupirangite | *j. feldespática* feldspar jacupirangite
jacupirangítico,-ca *adj* jacupirangitic
jacutinga *nf* jacutinga, itabirite
jade *nm* jade | *j. de saussure* saussurite | *j. oriental* tremolite
jade-albita *nf* maw-sit-sit, jade-albite
jadeíta-egirina *nf* a mixture of jadeite and aegirine
jagua *nf* [Col] powdery, sulfide ore | black sands in placers | concentrates rich in gold and heavy minerals | *j. de recorte* heavy mineral residues from gold recovery in an *arrastre*
jaguadero *nm* outlet (of a river)
jagüel *nm* [Arg, Ch] pit or trench filled with water

jagüey *nm* [Arg] pit or trench filled with water
jais *nf* jet
jaki *nm* khal
jalatocle *nm* [Méx] alluvium
jalde *adj* deep yellow
jaldo,-da *adj* deep yellow
jaldre *adj* deep yellow
jales *nmpl* [Méx] tailings
jali *nm* khal
jalón *nm* [surv] rod, range pole | *j. de cadeno* chaining pin | *j. de mira* level rod
jalonar *vtr* [surv] to run a survey line
jalonero *nm* [surv] rodman
jamasquita *nf* jamaskite (*obs*, hornblende jacupirangite)
Janitorense *nm* Janitorian (sub-stage of the Corallian)
janosita *nf* copiapite
japanita *nf* penninite
jaquelado *nm* checkerboard pattern
jardín *nm* spot which disfigures an emerald
jargón *nm* jargo, jargon (pale yellow jem variety of zircon)
Jarkov *nm* Kharkov
jaspágata *nf* agate jasper, jaspagate, jaspachate
jaspe *nm* jasper | veined marble | *j. de Siberia* banded brown and green jasper | *j. egipcio* Egyption jasper | *j. florido* multicolored jasper | *j. heliotropo* bloodstone | *j. jaspeado* mixture of green jasper and agate | *j. negro* touchstone | *j. ópalo* jaspopal | *j. porcelana* porcelain jasper | *j. sanguíneo* bloodstone | *j. veteado* ribbon jasper | *j. zonar* ribbon jasper
jaspeado,-da *adj* spotted | mottled, variegated | marbled, streaked, veined | like jasper, jaspideo
jaspear *vtr* to marble, mottle, vein, streak
jasperado,-da *adj* jasperated
jasperina *nf* jasperine
jasperita *nf* jasper
jasperización *nf* jasperization
jasperoide *adj* jasperoid | jasper
jasperizar *vtr* to jasperize
jaspideano,-na *adj* jaspidean, jasperry
jaspilito,-ca *adj* jaspilitic
jaspoide *adj* jaspoid | *nm* tachylite
jaspón *nm* a variety of marble, stained red and yellow
jaspónix *nm* jasponyx
jaspopal *nm* jasper opal, jaspopal, opal jasper
jaula *nf* cage (in a shaft) | *j. de extracción* mine

cage	jotun-norita <i>nf</i> jotunite (<i>obs</i> , charnockite)
jayet <i>nm</i> jet	Jovarense <i>nm/adj</i> middle part of the middle Oligocene
jazido <i>nm</i> layer, bed or seam ore or mineral deposit	joven <i>adj</i> young recent undeformed
jebe <i>nm</i> [Sp] alum	Joviano <i>nm</i> part of the Quaternary
jefe <i>nm</i> chief, boss <i>j. de brigada</i> [surv, expl]	jovin <i>adj</i> uneroded, little eroded
party chief <i>j. de cuadrilla</i> squad boss <i>j. de oficina</i> office manager <i>j. de punta</i> shift boss <i>j. de turno</i> shift boss	juagada <i>nf</i> [Col] alluvial gravel lacking sand and gold
jejo <i>nm</i> stone, rock	juan blanco <i>nm</i> [Col] placer platinum mica
jelinita <i>nf</i> kansasite (a fossil resin)	jucu <i>nm</i> [Bol] high grader, ore thief
jelletita <i>nf</i> pale green andradite	juddita <i>nf</i> Mn-hornblende
jemal <i>adj</i> a palm in length	juego <i>nm</i> set suite <i>j. de colores</i> play of colors
jeme <i>nm</i> palm (measure of distance)	<i>j. de diaclasas</i> joint set <i>j. de mare</i> the complete tidal cycle stretch of beach or coast bounded by the tidal cycle
jenkinsita <i>nf</i> ferroan antigorite	jugar <i>nm</i> tidal movement of the sea (rise and fall)
jentschita <i>nf</i> lengenbachite	jugo de la tierra <i>nm</i> hydrocarbon
jenzschita <i>nf</i> chalcedony	jugo lapídeo <i>nm</i> parent magma residual melt
jeroglífico,-ca <i>adj</i> hieroglyphic <i>nm</i> hieroglyph	intersitial glass cement in conglomerates
Jerseyense <i>nm</i> Jerseyan (glacial stage)	julianita <i>nf</i> tennantite
jerulfina <i>nf</i> wagnerite altered to apatite	julio <i>nm</i> joule
jet <i>nm</i> jet	jumo <i>nm</i> [Col] scarcely visible flake of gold
abweinowita <i>nf</i> vesuvianite	junckerita <i>nf</i> variety of siderite
jezekita <i>nf</i> morinite	junkerita <i>nf</i> siderite
jilópalo <i>nm</i> wood opal	junta <i>nf</i> joint junction (of a river)
jinyunita <i>nf</i> mixture of mordenite and clinoptilolite	juntarse <i>vpr</i> to coalesce
jiwaarita <i>nf</i> Ti-melanite	juntura <i>nf</i> joint <i>j. de estratificación</i> bedding plane
Johannense <i>nm/adj</i> Olenidian	junturamiento <i>nm</i> jointing
johnita <i>nf</i> green variety of turquoise	juquear <i>vtr</i> [Bol] to high grade, steal ore
johnstonita <i>nf</i> vanadinite galena	juqueo <i>nm</i> [Bol] ore theft, high-grading
johnstontonita <i>nf</i> variety of andradite	juquero <i>nm</i> [Bol] ore-thief
johnstrupita <i>nf</i> mosandrite	Jura <i>nf</i> Jurassic <i>J. blanco</i> Malm <i>J. negro</i> Lías <i>J. pardo</i> Dogger
jolita <i>nf</i> iolite	Jurásico,-ca <i>adj</i> Jurassic <i>nm</i> Jurassic <i>J. inferior</i> lower Jurassic <i>J. medio</i> middle Jurassic <i>J. superior</i> upper Jurassic
jollyita <i>nf</i> Al-hisingerite	jurinita <i>nf</i> brookite
jorfe <i>nm</i> precipice	jurupaíta <i>nf</i> Mn-xonotlite
Jorgense <i>nm/adj</i> [Arg] local age name equivalent to Danian	jusente <i>adj</i> that rises or falls with an ebb tide <i>nm</i> ebb tide
jorgyanita <i>nf</i> scorodite	justipreciación <i>nf</i> appraisal
jornada <i>nf</i> a day's work, working day, shift a day's journey expedition <i>j. doble</i> double shift <i>j. simple</i> single shift	justipreciador <i>nm</i> appraiser
jornal <i>adj</i> by the day's work [Col] by the hour's work <i>nm</i> day's wage day's work [Col] hourly wage	justipreciar <i>vtr</i> to appraise, rate
jornalar <i>vtr</i> to employ by the day	justiprecio <i>nm</i> appraised value
jornalero <i>nm</i> workman, laborer	Juvarense <i>nm/adj</i> Juvavian
Josarense <i>nm</i> lower part of the Pontian	juvenil <i>adj</i> juvenile
josefinita <i>nf</i> nickel-iron, ferronickel	juventud <i>nf</i> youth
josena <i>nf</i> josen, hartite	
jossaíta <i>nf</i> a mixture of crocoite and sphalerite	

K

kafehidrocyanita *nf* kafehydrocyanite
kainolítico,-ca *adj* Cenozoic
k'ajcha *nf* [Potosí, Bol] member of a *cuadrillo* or gang of weekend *indio* miners who worked their employer's mines for their own benefit from Saturday night to Monday morning and on feast days
kakirita *nf* protomylonite
kakoxena *nf* kakixen
Kalaviense *adj* lower Algonquin | *nm* lower Algonquin
kalicamptonita *nf* cascadite (*obs*, sodic minette)
kaligranito *nm* kaligranite (*obs*, granite)
kalikeratófido *nm* kalikeratophyre (*obs*, keratophyre)
kalinefelinita *nf* kalinephelinite (*obs*, nephelinite)
kaliofilita *nf* kaliophilite
kalifita *nf* kaliphite
kalipirocloro *nm* kalipyrochlore
kalipiroxerita *nf* pyroxenolite (*obs*, pyroxenite)
kaliqueratofiro *nm* kalikeratophyre (*obs*, keratophyre)
kaliriolita *nf* kalirhyolite (*obs*, potash rhyolite or pantellerite)
kalisienita *nf* kalisyenite (*obs*, alkali syenite)
kalitinguaítórido *nm* kalitinguaite porphyry (*obs*, porphyritic phonolite)
kalitraquita *nf* kalitrachyte (*obs*, trachyte)
kalkafanita *nf* amygdaloidal diabase
kalkbostonita *nf* maenaite (*obs*, plagioclase bostonite)
kalkdiabasa *nf* amygdaloidal diabase
kalkgranito *nm* calcigranite (*obs*, granite)
kalkuranita *nf* uranite
kaluszita *nf* singenite
kam or kame *nm* kame
kamarezita *nf* brochantite
kammgranito *nm* kammgranite (*obs*, granite)
kammgranítico,-ca *adj* kammgranitic (*obs*, granitic)
Kansan *nm* Kansan
kansita *nf* mackinawite
kantografía *nf* kantography
kaolín *nm* kaolin
kaolínico,-ca *adj* kaolinic
kaolinita *nf* kaolinite
kaolinítico,-ca *adj* kaolinitic
kaolinización *nf* kaolinization

karbonatberesita *nf* beresite (*obs*, altered aplite)
karbonatita *nf* carbonatite
karbonatalnoíta *nf* alnoite
karlsteinita *nf* carlstainite (*obs*, alkali granite)
karniense *adj* Carnian
karst *nm* karst | *k. cubierto* covered karst | *k. desnudo* naked or bare karst | *k. elevado* relict karst | *k. subterráneo* interstratal or subjacent karst
karstenita *nf* rock anhydrite, anhydrock
kárstico,-ca *adj* karstic
karstificación *nf* karstification
kasaíta *nf* kassaïte (*obs*, haüyne monzonite or syenodiorite porphyry)
Kaskasia *nm* Kaskasia
kasparite *nf* cobaltoan pickeringite
kataforita *nf* kataphorite
kataforit-sölvbergita *nf* solvsbergite (*obs*, trachyte)
katapleitsienita *nf* augite-nepheline syenite
katatéctico,-ca *adj* katactic
katavotre *nf* abyss
katazona *nf* katazone
katogénico,-ca *adj* katogenic
katogeno *nm* katogene
kaukasita *nf* caucasite (*obs*, sanidine granite)
kaulaíta *nf* kauaiite (*obs*, olivine-augite diorite)
Kazán *nm* Kazanian
kazansquita *nf* kazanskite (*obs*, magnetite-plagioclase dunite)
keelyita *nf* zinkenite
Keewatin *nm* Keewatin, Keewatinian
keiviíta *nf* keivyite
kelifítico,-ca *adj* kelyphytic
kelyfítico,-ca *adj* kelyphitic
kelifito *nm* corona
kellerita *nf* cuprian pentahydrite
kenngotita *nf* miargyrite
kenyita *nm* kenyte (*obs*, olivine phonolitic trachyte)
kenyta *nm* kenyte (*obs*, olivine phonolitic trachyte)
kerabitumen *nm* kerogen
kerargirita *nf* kerargyrite
keratita *nf* hornfels | compact groundmass in melaphyres
keratofido *nm* keratophyre | *k. cuarcífero* quartz keratophyre
keratófiro *nm* keratophyre | *k. cuarcífero* quartz keratophyre
keratofirospilita *nf* spilitized keratophyre

keratospilita <i>nf</i> keratospilite (<i>obs</i> , spilitized albite diabase)	kirunavaarita <i>nf</i> magnetitite, kiirunvaarite
kerógeno <i>nm</i> kerogen	klaprotita <i>nf</i> mixture of wittichenite and emplectite
kerogenita <i>nf</i> oil shale	klausenita <i>nf</i> clausenite (<i>obs</i> , diorite norite, quartz gabbro) lamprophyre
kerosén <i>nm</i> kerosene	kmaita <i>nf</i> celadonite
keroseno <i>nm</i> kerosene	knoxvillita <i>nf</i> copiapite
kerosina <i>nf</i> kerosene	Koblenzense <i>nm</i> Coblenzian
kersantita <i>nf</i> kersantite <i>k. aplita</i> aplitic kersantite <i>k. augítica</i> augite kersantite <i>k. broncítica</i> bronzite kersantite <i>k. cuárcica</i> quartz kersantite <i>k. esferoidal</i> or <i>esferolítica</i> spheroidal kersantite <i>k. hornabléndica</i> hornblende kersantite <i>k. olivínica</i> olivine kersantite <i>k. orbicular</i> orbicular kersantite	kodurita <i>nf</i> kodurite (<i>obs</i> , granulite) <i>k. biotítica</i> biotite kodurite <i>k. cuarcífera</i> quartz kodurite <i>k. piroxénica</i> pyroxene kodurite
kersantitepegmatita <i>nf</i> kersantite pegmatite	kodorítico,-ca <i>adj</i> koduritic
keuperiano,-na <i>adj</i> Keuper	koelbingita <i>nf</i> kenigmatite
Kéuprico <i>nm</i> Keuper	koivinita <i>nf</i> florencite
keweenawiano,-na <i>adj</i> Keweenawan	kokkokonita <i>nf</i> cocconite (coccothrust limestone)
K-feldespato <i>nm</i> K-feldspar	kolbeckina <i>nf</i> herzenbergite
khajcha <i>nf</i> [Potosí, Bol] member of a <i>cuadrillo</i> or gang of weekend <i>indio</i> miners who worked their employer's mines for their own benefit from Saturday night to Monday morning and on feast days	kolskita <i>nf</i> mixture of lizardite and sepiolite
khareo <i>nm</i> [Bol] hand sorting (of ore)	komatiíta <i>nf</i> komatiite
khareadora <i>nf</i> ore sorter (usually a woman)	kongadiabasa <i>nf</i> Konga diabase (<i>var</i> quartz dolerite)
khibinita <i>nf</i> mosandrite (mineral) chibinite (rock)	Kongurense <i>nm</i> Kungurian
khinganita <i>nf</i> kesterite	Konialnikense <i>nm</i> Konialnikian, Pontian?
khuniita <i>nf</i> iranite	koppita <i>nf</i> pyrochlore
kieselgur <i>nm</i> kieselguhr, kiselgur	kornerupina <i>nf</i> kornerupine
kiirunavaarita <i>nf</i> magnetitite	korund-anorthosita <i>nf</i> kyschtymite (<i>obs</i> , corundum anorthosite)
kilaje <i>nm</i> [Arg] weight in kilograms	korund-gabro <i>nm</i> corundum hornblend gabbro
kilbrickenita <i>nf</i> As-geochronite	korundmagnetitita <i>nf</i> corundum magnetitite
kiliárea <i>nf</i> kiliare	korundnefelindiorita <i>nf</i> dungannonite (<i>obs</i> , alkali corundum diorite)
kilita <i>nf</i> kylite (<i>obs</i> , olivine theralite)	korundoligoclaspegmatita <i>nf</i> plumasite (<i>obs</i>)
kilo <i>nm</i> kilogram	korundplagioklasita <i>nf</i> kyschtymite (<i>obs</i> , corundum anorthosite)
kilobara <i>nf</i> kilobar	kosmocloro <i>nm</i> kosmochlor, ureyite
kilocaloría <i>nf</i> kilocalorie	kramerita <i>nf</i> probertite
kilociclo <i>nm</i> kilocycle	kratógeno <i>nm</i> shield
kilogramo <i>nm</i> kilogram	kraurita <i>nf</i> dufrenite
kilometraje <i>nm</i> distance in kilometers	kreuzbergita <i>nf</i> pleystenite
kilométrico,-ca <i>adj</i> kilometric	criptón <i>nm</i> krypton
kilómetro <i>nm</i> kilometer	kristianita <i>nf</i> cristianite (<i>obs</i> , biotite granite)
kimmeriano,-na <i>adj</i> Kimmerian	kryokonita <i>nf</i> cryoconite
kimmérico,-ca <i>adj</i> Kimmerian	Kungur <i>nm</i> Kungurian
kimmeridgiano,-na <i>adj</i> Kimmeridgian	Kunguriense <i>nm</i> Kungurian
kimmeridgense <i>adj</i> Kimmeridgian	kurskita <i>nf</i> carbonate-fluorapatite
Kinderhook <i>nm</i> Kinderhookian	kürunavaarita <i>nf</i> magnetitite, kiirunvaarite lamprophyre)
	kuselita <i>nf</i> cuseelite (<i>obs</i> , biotite-augite lamprophyre)
	kusuita <i>nf</i> wakefieldite-(Ce)

L

labil *adj* unstable | **labile** | friable
labio *nm* lip, edge | *l. de falla* fault limb
labor *nf* miner working or work | working place or face | a measure of area (177.14 acres) | *l. a cielo* overhand working | *l. a cielo abierto* open pit working | *l. a través* cross cut | *l. abandonada* abandoned working | *l. alta* [Col] placer working above water level | *l. auxiliar* development work | *l. baja* [Col] placer working below water level | *l. de bancos* underhand stoping | *l. de beneficio* mill, milling | *l. de cantera* stone quarry, open pit work | *l. de hacienda* all workings in a mine not leased | *l. de realce* overhand stoping | *l. de reconocimiento* exploratory workings | *l. de testeros* overhand stoping | *l. en rebajo* underhand stoping | *l. por lajas* slabbing, slashing | *l. preparativas* development work
laboreo *nm* mining, exploitation, working | art of mining | *l. a cielo abierto* open pit mining | *l. de crestones* surface workings | *l. de grada* stoping | *l. de subniveles* sublevel stoping | *l. en avance* advancing system | *l. en retirada* retreating system | *l. minero* mining, exploitation | *l. por cuadras* panel working | *l. por socavón* adit cut mining
labra *nf* working, cutting, carving, or dressing of stone
labrado,-da *adj* worked, wrought, cut, carved | *nm* cutting, carving
labrar *vtr* to work a mine | to work metals | to dress, cut or carve stone | *l. en facetas* to facet
lacolito *nm* laccolith
lacunario,-ria *adj* lacustrine
lacustre *adj* lacustrine, lake
ladera *nf* declivity, slope, side, hillside | highly inclined flanks of a saddle or anticline | flank
ladiniano,-na *adj* Ladinian
ladiniense *adj* Ladinian
lago *nm* lake | *l. alcalino* alkaline lake | *l. de agua dulce* fresh water lake | *l. de agua salada* salt lake | *l. de circo* tarn | *l. de cráter* crater lake | *l. de erosión* erosion lake | *l. de erosión glaciar* | *l. de fractura* tectonic lake | *l. de glaciar* glacier lake | *l. en herradura* oxbow lake | *l. endicado* barrier lake | *l. salado* salt lake, saline lake | *l. semilunar* oxbow lake
láguena *nf* decomposition of argillaceous schist

by weathering
laguna *nf* lagoon | small lake | reservoir used to store water to supply water-powered stamp mills | *l. costera* coastal lagoon | *l. de decantación* tailings pond
lagunato *nm* [Cu] pool, pond
lagunero *nm* person in charge of the upkeep of lagunas
lagunoso,-sa *adj* full of lagoons
laja *nf* thin, flat stone | bed, layer or sheet | stone slab | *l. chavera* [Cartagena, Sp] highly decomposed slate
lajeado,-da *adj* [Mex, Ur] laminated
lajilla *nf* [Vz] shale
lajoso,-sa *adj* [Ur] laminated
lama *nf* slime, mud, silt | tailings | ore in the form of dust or fine powder within veins | [Tipuani, Bol] gravel beds forming false bedrock to gold placers
lamelar *adj* laminated
lameliforme *adj* lamelliform
lámina *nf* lamella (*pl lamellae*) | slab | thin plate or sheet | scale | *l. de pirita* scare | *l. de pizarra* slab of slate, slate
laminación *nf* lamination
laminado,-da *adj* laminated | tabular
laminilla *nf* lamella (*pl lamellae*) | thin sheet | flake
lamoso,-da *adj* slimy | [Aguascalientes, Méx] copper ores in a steatite matrix
lamprófiro *nm* lamprophyre
lancanstriano,-na *adj* Lancastrian
lancastriense *nm* Lancastrian
lancha *nf* thin, flat stone | stone slab
lanchar *nm* quarry yielding *lanchas*
landeniano,-na *adj* Landenian
landeniense *nm* Landenian
lantano *nm* lanthanum
lapa *nf* [Pe] footwall
lapiez *nm* karren
lapilli *nf* lapilli | *l. de acreción* accretion lapilli
lapislázuli *nf* lapis lazuli
lápiz *nm* graphite, black lead, plumbago | black chalk | *l. encarnado* or *rojo* red chalk or ochre
lapizar *nm* graphite mine
laque *nm* druse
lasca *nf* small, thin fragment of stone | chip, spall
lascar *vtr* to spall
lastra *nf* flat stone, stone slab, flagstone |

[Serrata de Lorca, Sp] bed of native sulphur, of which there are several: *l. de arriba* the upper bed, *l. de abajo* or *de fuego* middle bed, and *l. de agua* the lowermost which was not worked

lastre *nm* weathered stone of poor quality found at the surface of quarries

lastrón *nm* large flagstone

laterítico,-ca *adj* lateritic

laterización *nf* laterization

latilla *nf* lath

latitud *nf* latitude | breadth, width | total extent of a region, belt, province, district, etc | a 30° latitud sur 30° south

lattorfiano,-na *adj* Lattorfian

lattorfiense *adj* Lattorfian

lauograma *nm* lauegram

laurencio *nm* lawrencium

lava *nf* lava | washing of ore | *l. cordada* pillow lava | *l. de bloque* block lava | *l. en alhomada* pillow lava | *l. escoriácea* aa lava | *l. pahoehoe* pahoehoe

lavada *nf* washing of placers or ore

lavadero *nm* site for washing placers or ore | [Ch, Pe] placer deposit | act of washing placers or ore

lavado *nm* washing | *l. de surcos* | *l. superficial*

lavador *nm* gold pan | washer

lavadora *nf* gold pan | *l. de carbón* coal washer

lavadura *nf* washing of placers or ore | *nfpf* washings

lavaje *nm* washing of placers or ore

lavar *vtr* to wash placers or ore

lazada *nf* bow, knot | *en lazada* loop

lazo *nm* bow, knot | *en forma de l.* loop

lazurita *nf* lapis lazuli, lazurite

lechada *nf* mixture of lime and gypsum or of lime and sand | slurry, paste

leche de luna *nm* calcareous clay

leche de tierra *nm* magnesia

leche fósil de luna *nm* mineral agaric

lechecilla *nf* [Tasco, Méx] a var of limestone

lechedor *nm* [Pe] huantajaité | [Atacama, Ch] oxidized ore or gossan rich in silver chlorides

lecho *nm* river bed | thin layer, bed or stratum | *l. de cantera* bed of stone | *l. de creciente* flood plain | *l. de río* stream bed | *l. de roca* bedrock | *l. mayor* flood plain

lediano,-na *adj* Ledian

lediense *adj* Ledian

légamo *nm* slime, mud, ooze | loam

legamoso,-sa *adj* slimy, oozey, loamy

legítima *nf* [Real del Monte, Méx] vein having an east-west trend

legua *nf* league, a measure of distance of 5000 footsteps (about 5572 meters) (a day's ride on horseback is about six leagues)

leguaje *nm* an advance for travel expenses that should have but was rarely paid to *mitayos* by mine owners when they left their communities for the mines

lenar *nm* karren, lapiaz

lengua del glaciar *nf* glacial tongue

lengüebuey *nm* [Antioquia, Col] a trachyte so named because its texture resembles that of an ox's tongue

lente *nm* lense | magnifying glass | lenticular mass of rock | *l. ocular* eyepiece

lenteja *nf* lenticular mass of rock, ore or mineral

lentejón *nm* lense (of sedimentary rock)

leñoso,-sa *adj* woody, ligneous

lepidoblástico,-ca *adj* lepidoblastic

leucito *nm* leucite

leucocrático,-ca *adj* leucocratic

leucopirita *nf* leucopyrite

leucozafiro *nm* leucosapphire

levantada *nf* orogeny

levantamiento *nm* elevation | uplift | survey | surveying | creep (soil) | *l. aerofotogramétrico* aerial survey | *l. sísmico* seismic survey

levantar *vtr* to survey | to uplift, elevate

levée *nf* levee | *l. natural* natural levee

levigación *nf* levigation

levógiro,-ra *adj* sinistral

ley *nf* law | grade of ore | legal standard of quality or fineness | statistical distribution function | *l. beta* beta distribution | *l. binomial* binomial distribution | *l. binomial negativa* negative binomial distribution | *l. de Boyle* Boyle's law | *l. de Charles* Charles's law | *l. de F* F distribution | *l. de Henry* Henry's law | *l. de minas* mining law | *l. de metal grade* | *l. de Pareto* Pareto distribution | *l. de Poisson* Poisson distribution | *l. de student* student t-distribution | *l. de Weibull* Weibull distribution | *l. discreta uniforme* uniform distribution | *l. exponencial* exponential distribution | *l. gamma* gamma distribution | *l. geométrica* geometric distribution | *l. hipergeométrica* hypergeometric distribution | *l. ji cuadrado* chi-squared distribution | *l. lognormal* lognormal distribution | *l. media* average grade | *l. mineral* mining law | *l. multinomial*

multinomial distribution <i>l. normal</i> normal distribution <i>l. rectangular</i> Rectangular distribution <i>l. superior a</i> grade greater than <i>l. t</i> <i>t-distribution</i> <i>l. uniforme</i> uniform distribution <i>con ley de</i> of a grade of <i>de baja (alta) ley</i> of low (high) grade	limpia <i>nf</i> low-grade ore or waste
leyenda <i>nf</i> legend (to a map)	limpiar <i>vtr</i> to clean up, as for a mill, dredge, etc
lherzolita <i>nf</i> lherzolite	limpio <i>nm</i> cobbed or sorted ore
liás <i>nm</i> Lias	linde <i>nm</i> boundary, limit
liásico,-ca <i>adj</i> Liassic, Lias <i>nm</i> Liassic	lindero <i>nm</i> boundary, especially of a mining claim
libra <i>nf</i> pound, a measure of weight <i>l. esterlina</i> pound sterling	línea <i>nf</i> line twelfth part of a <i>pulgada</i> or inch <i>l. aclínica</i> acclinic line, magnetic equator <i>l. de costa</i> coastline, strandline <i>l. de crecimiento</i> growth line <i>l. de charnela</i> hinge line <i>l. de fractura</i> fracture line <i>l. de litoral</i> shoreline <i>l. de nieves perpetuas</i> snow line <i>l. de tierra</i> ground line <i>l. geodésica</i> geodesic line <i>l. isodinámica</i> isodynamic line <i>l. isogónica</i> isogonic line <i>l. transversal</i> traverse
libre <i>adj</i> free	lineación <i>nf</i> lineation
libreta <i>nf</i> notebook <i>l. de campo</i> field book	lineamiento <i>nm</i> lineament
licuación <i>nf</i> liquification	lingote <i>nm</i> ingot <i>l. de hierro</i> pig iron <i>l. de plomo</i> pig of lead
licuefacción <i>nf</i> liquification	liparita <i>nf</i> rhyolite
liquifacer <i>vtr</i> to liquify	lipis <i>nm</i> copper sulfate
lidita <i>nf</i> lydite, touchstone	lipta <i>nf</i> [Bol] grey silver ores which accompany tin ore
lienzo <i>nf</i> measuring tape	liquido <i>nm</i> liquid <i>l. newtoniano</i> Newtonian liquid
lievrita <i>nf</i> ilvaite	liso,-sa <i>adj</i> even <i>nm</i> an extensive flat face of a rock slickenside [Col] fault
liga <i>nf</i> alloy alloy of gold and silver used in coinage [Méx] smelting ore, or ore used as a flux in smelting [Potosí, Bol] galena <i>l. de metal</i> alloy	lista <i>nf</i> stripe, band
ligación <i>nf</i> bond	listado,-da <i>adj</i> striped in thin layers, laminated
ligar <i>vtr</i> to alloy (metals)	listones <i>nmpl</i> riffles
ligero,-ra <i>adj</i> light	litarge <i>nm</i> litharge <i>l. nativo</i> lead ocher
lignítico,-ca <i>adj</i> lignitic	litargirio <i>nm</i> litharge
lignito <i>nm</i> lignite or brown coal <i>l. duro</i> <i>l. leñoso</i> lignite proper <i>l. xiloide</i> xyloid lignite	litificación <i>nf</i> lithification
limadura <i>nf</i> [Méx] refined silver or silver amalgam produced by the <i>patio</i> process of amalgamation	lítico,-ca <i>adj</i> lithic
limbo <i>nm</i> limb (of a fold)	litio <i>nm</i> lithium
límite <i>nm</i> boundary limit <i>l. conservador de placas</i> transform plate boundary <i>l. de confianza</i> confidence limit <i>l. de contracción</i> shrinkage limit <i>l. de nieve</i> snow line <i>l. de placa</i> plate boundary <i>l. de placas convergentes</i> converging plate boundary <i>l. de placas divergentes</i> diverging plate boundaries	litoclasa <i>nf</i> lithoclase
limítrofe <i>adj</i> bordering	litoestratigráfico,-ca <i>adj</i> lithostratigraphic
límrico,-ca <i>adj</i> lacustrine, limnic	litofacies <i>npl</i> lithofacies
limnología <i>nf</i> limnology	litófilo,-la <i>adj</i> lithophile
limo <i>nm</i> silt, mud <i>l. de derrubios</i> boulder clay <i>l. de faldeo</i>	litofisuras <i>npl</i> lithophysae
lomolito <i>nm</i> siltstone	litogénesis <i>nf</i> lithogenesis
limonita <i>nf</i> limonite	litología <i>nf</i> lithology
limonítico,-ca <i>adj</i> limonitic	litológico,-ca <i>adj</i> lithological
limonitizado,-da <i>adj</i> limonitic	litomargo <i>nm</i> lithomarge, kaolin
limoso,-sa <i>adj</i> muddy, silty	litoral <i>adj</i> coastal, littoral <i>nm</i> shore <i>l. entre mareas</i> foreshore <i>l. submarino</i> offshore

litro <i>nm</i> liter	[Coquimbo, Ch] shell-bearing conglomerate
lixivación <i>nf</i> leaching, lixiviation <i>l. amoniacial</i> ammonia leaching	losero <i>nm</i> quarry for <i>losa</i> or flagstone [Guanajuato, Méx] sandstone quarry
lizote <i>nm</i> [Sinaloa, Méx] blue speckled quartz rich in silver	lotaringiano,-na <i>adj</i> Lotharingian
local <i>nm</i> site <i>l. del ingenio</i> mill site	lotaringiense <i>nm</i> Lotharingian
localidad <i>nf</i> locality <i>l. tipo</i> type locality	loza <i>nf</i> [Pe] bedrock to a placer
lodazal <i>nm</i> marsh, bog	ludiano,-na <i>adj</i> Ludian
lodo <i>nm</i> mud, ooze, sludge <i>l. calcáreo</i> calcareous ooze <i>l. de silíceo</i> siliceous ooze <i>l.</i> <i>de diatomeas</i> diatomaceous ooze <i>l. de</i> <i>radiolarios</i> radolarian ooze <i>l. mineral</i> slime <i>l.</i> <i>rojo</i> red mud	ludiense <i>adj</i> Ludian
lodolita <i>nf</i> mudstone	ludloviano,-na <i>adj</i> Ludlovian
lodoso,-sa <i>adj</i> muddy	ludloviense <i>adj</i> Ludlovian
loes or loess <i>nm</i> loess	lumbre <i>nm</i> flint firestone
logarítmico,-ca <i>adj</i> logarithmic	lumbrera <i>nf</i> shaft
logaritmo <i>nm</i> logarithm	luminescente <i>adj</i> luminescent
loma <i>nf</i> ridge, rise, hill, hillock <i>l. de</i> <i>acumulación</i> accretionary ridge	luminiscencia <i>nf</i> luminescence <i>l. catódica</i> cathodoluminescence
lomada <i>nf</i> [Arg] hill, ridge	luminoso,-sa <i>adj</i> luminous
lomerío <i>nm</i> [Méx] a range of hills	lupa <i>nf</i> magnifying glass, lens hand lens
lomo <i>nm</i> ridge <i>l. eólico</i> windrow ridge	lurte <i>nm</i> landslide
loncha <i>nf</i> flagstone	lusitaniano,-na <i>adj</i> Lusitanian
longana <i>nf</i> [Guanajuato, Méx] cylinders of clay with embedded rich ore, or cylindrical pieces of ore concealed in the anus as a means of stealing ore	lusitaniense <i>adj</i> Lusitanian
longitud <i>nf</i> longitude length departure, ie easting or westing	lustre or lustro <i>nm</i> luster
lopolito <i>nm</i> lopolith	lustroso,-sa <i>adj</i> shiny, glossy, lustrous
losa <i>nf</i> flat stone, stone slab, flagstone	luteciano,-na <i>adj</i> Lutetian
	luteciense <i>adj</i> Lutetian
	lutecio <i>nm</i> lutetium
	lutita <i>nf</i> shale <i>l. petrolífera</i> oil shale
	lutítico,-ca <i>adj</i> shaly
	luz <i>nf</i> light <i>l. ambiente</i> available light <i>l.</i> natural natural or ordinary light <i>l. polarizada</i> polarized light

LL

llábana *nf* smooth or polished flat slab of rock
llacorella *nf* [Valencia, Sp] a white or bluish marl of Miocene age
llama *nf* swamp, marsh | flame | pack animal used in Andean countries to haul ore, concentrates, supplies, etc. | *ll. de oxidación* oxidizing flame | *ll. de reducción* reducing flame
llamado,-da *adj* known as, called, so-called (not always translated, e.g. *el llamado Plutón Disputada* 'the Disputed Pluto')
llamago *nm* swamp, marsh
llamazar *nm* swamp, marsh
llambria *nf* cliff
llamenga *nf* [Asturia, Sp] mud
llamo *nm* [Ch] fine ore | coal dust | [Chuquicamata, Ch] ground low grade copper ore | [Pe] earthy, reddish oxidized silver ore
llampera *nf* [Bol] talus, landslide | ore found in talus deposits | [Ch] soil or ground which contains easily worked ore
llampero *nm* [Chuquicamata, Ch] Stockwork of atacamite-bearing veinlets in porphyry copper ore
llampo *nm* [Bol, Ch] finely broken or otherwise easily exploitable ore
llampu *nm* [Bol] pure sublimate of sulfur
llana *nf* plain
llanada *nf* plain (of great extent but fully in view)
llanadora *nf* [Arg] grader
llanca *nf* [Ch] any blue-green copper silicate mineral used by the Aurucanian Indians of Chile as jewelry
llandeiliano,-na *adj* Llandeilian
llandeilense *adj* Llandeilian | *nm* Llandeilian
Llandeilo *nm* Llandeilian
llandilo,-la *adj* Llandeilian
llandoveriano,-na *adj* Llandoverian
llandoveriense *adj* Llandoverian | *nm* Llandoverian
llaneza *nf* plain
llanita *nf* llanite (*obs*, rhyolite)
llano,-na *adj* even, flat, smooth | level | *nm* plain | flatland | *ll. aluvial* alluvial plain | *ll. aluvio-glaciar* outwash plain | *ll. arenoso* sandy plain | *ll. costero* coastal plain | *ll. de inundación* flood plain

| *ll. de piamonte* piedmont plain
llanura *nf* tropical plain (of very great extent) | *ll. aluvial* alluvial plain | *ll. aluvio-glaciar* outwash plain | *ll. costanera* coastal plain | *ll. costera* coastal plain | *ll. de agradación* aggradation plain | *ll. de inundación* flood plain | *ll. de piamonte* piedmont plain | *ll. de relleno* fluvioglacial overwash plain | *ll. del río* valley floor, bottom land | *ll. glaciarica* kettle plain | *ll. salina* alkaline or salt flat | *ll. troncal* peneplain
llanvirniense *adj* Llanvirnian | *nm* Llanvirnian
llapa *nf* mercury used to amalgamate silver
llapar *vtr* to add mercury to produce silver amalgam
llapano *nf* [Pe] debris flow occasioned by flash flooding of a normally dry *quebrada*
llauca *nf* [Pe] a smooth, black clay with greasy lustre found in veins
llaucana *nf* [Ch] miner's pry bar or pick axe
llaukanero *nm* [Ch] miner who breaks up large fragments of ore with a *llaucana*
llaucar *vtr* [Ch] to use a *llaucana*
llauckana *nf* [Bol] pointed metal bar used to bar down the roof and walls of a mine
llave *nf* section of ore or wall rock in the form of an arc which is left in place to support the roof of a mine | [Sp] crib
llegada *nf* [seis] arrival | *ll. sísmica* cable break
llegar a planes *vtr* to bottom (mine workings)
lleira *nf* deposit of pebbles and coarse gravel
llena *nf* alluvium | flood, overflow of a river
llenado *nm* filling
llenamiento *nm* filling of veins, etc.
llenante *nf* flood tide
llenar *vtr* to flood, overflow | to fill | *nm* rise or fall of the sea
lleno,-na *adj* flooded | high (tides)
llera *nf* quarry | stony or rocky ground | sandy ground
llerón *nm* ground covered with large boulders
llevar *vtr* to carry, transport | to bear, have, contain | *ll. en suspensión* to carry in suspension (rivers) | *ll. inclusiones de* to contain inclusions of | *ll. una poligonal* [surv] to run a traverse
llictería *nf* [Bol] franckeite
llimpe *nm* [Méx] cinnabar
llimpi *nm* [Bol] finely laminated ores with the appearance of mica | [Pe] ores of red color, generally cinnabar

Ilinqui *nf* [Sandia, Pe] clayey, sterile beds within auriferous glacial deposits

Ilipita *nf* [Bol] brown, ashy silver ore

Ilosa *nf* [Galicia, Sp] flat stone or slab

Iluscka *nf* [Bol] vein selvage, salband | slickenside

Iluvia *nf* rain | *ll. de lodo* mud flow | *ll. fósil* rain print

Iluvial *adj* pluvial

Iluvioso,-sa *adj* rainy

M

maar *nm* maar
macetón *nm* [Méx] stone sledge
maciño *nm* a var of sandstone with less quartz and more feldspar than *molasa*
macizo,-za *adj* compact, solid, hard | *nm* massif | *nm* massiveness, bulk | *massif* | shield, basement | virgin, unmined ground | ore blocked out but not yet mined | *m. cristalino* crystalline basement | *m. intrusivo* stock | *m. lauréntrico* Canadian shield | *m. mineralizado* orebody | *m. tectónico* horst
macla *nf* twinning | twin, macle | twinned crystal | *m. de la albite* albite twin law | *m. polisintética* polysynthetic twin
maclado,-da *adj* twinned
maco *nm* [Cartagena, Sp] ancient mine tailings
macroclástico,-ca *adj* macroclastic
macrocristalino,-na *adj* coarsely crystalline
macrofósil *nm* macrofossil
mactosísmico,-ca *adj* macroseismic
macroseismo *nm* macroseism
machacamiento *nm* crushing
machacar *vtr* to crush, break, buck, spall or stamp ore | to grind
machado *nm* [Pe] ore containing visible native silver or gold
machador,-dora *adj* crushing, grinding | *nf* crusher, grinding machine
machaqueo *nm* crushing | [Sp] crushed stone
machar *vtr* to spall ore | to hammer
machays *nm* [Ec, Pe] sulfur lined cavities in volcanic rock
macho *nm* dike | [Col] barren or unproductive vein
machonga *nf* [Col] pyrite
machucar *vtr* to crush, break, buck, spall or stamp ore
madera *nf* wood | *m. silicificada* agatized wood
madre *nf* river bed | mineralizing fluid | *m. de sal* [Ch] crystalline soda sulfate | *m. del ore* [Col] pebbles or cobbles of hematitic iron ore
madurez *nf* maturity
maduro,-ra *adj* mature
maestrichtiano,-na *adj* Maestrichtian
Maestrichtiense *nm* Maestrichtian
máfico,-ca *adj* mafic
magistral *nm* flux used for smelting ores | roasted pyrites or crude copper sulfate used as

a reagent in the *patio* process of amalgamating silver ores
magma *nm* magma
magnético,-ca *adj* magmatic
magnesiano,-na *adj* magnesian
magnésico,-ca *adj* magnesic
magnesífero,-ra *adj* magnesiferous
magnesio *nm* magnesium
magnético,-ca *adj* magnetic
magnetismo *nm* magnetism | *m. fosil* paleomagnetism
magnetizable *adj* magnetizable
magnetización *nf* magnetization
magnetar *vtr* to magnetize
magneto *nm* magnet
magnetómetro *nm* magnetometer
magnitud *nf* magnitude (of an earthquake)
magnometría *nf* magnetic exploration
magro,ra *adj* lean
mainel *nm* mullion
maja *nf* pestle
majadero *nm* pestle
majamiento *nm* crushing, grinding, pounding
majar *vtr* to crush, pound, grind, break
mal de choco *nm* silicosis
malaquita *nf* malachite | *m. azul* azurite | *m. verde* malachite
maleabilidad *nf* maleability
maleable *adj* maleable
málico *adjm* malic
malpaís *nf* badlands
malquita *nf* malchite (*obs*, lamprophyre)
malta *nf* asphalt
malla *nf* mesh, screen | network | *m. ancha* coarse mesh | *m. angosta* fine mesh
mana *nf* source, spring
manatial *adj* spring | *nm* spring, source | *m. artesiano* artesian spring | *m. ascendente* artesian spring | *m. caliente* hot spring | *m. de desbordamiento* contact spring | *m. de estrato* hillside spring | *m. de falla* fissure spring | *m. de fisura* fissure spring | *m. de grieta* fissure spring | *m. de hondonada* depression spring | *m. de ladera* gravity or contact spring | *m. de valle* valley spring | *m. descendente* depression spring | *m. rebosante* gravity spring | *m. resurgente* contact spring | *m. surtidor* artesian spring
mancomunidad *nf* joint responsibility assumed by an association of miners (*gremio de mineros*) for the repayment of member's debts to a bank

| pooling of properties to obtain an exploration permit

mancha *nf* stain or spot of ore | flaw in a crystal | *m. de metal* spot of ore

manchado,-da *adj* spotted | stained

mandón *nm* mine foreman

manganato *nm* manganate

manganesa *nf* pyrolusite, manganese peroxide

manganesia *nf* pyrolusite

manganoso *nm* manganese | manganese ore | *m. gris* manganite | *m. negro* pyrolusite

mangánico,-ca *adj* manganic

manganoso,-sa *adj* manganous

manifestación *nf* occurrence, showing (of ore etc.)

manta *nf* bedded vein or deposit | blanket deposit, "manto" | *v de manta* [Col] horizontal vein

manteado,-da *adj* flat, blanket-like

mantenimiento de presión *nm* pressure maintenance

manteo *nm* bedding | [Bol] cover rock | [Bol, Ch] dip

mantilla *nf* [Tex] pocket or bunch of ore

mantisa *nf* mantissa

manto *nm* bed, layer, stratum | nappe | stratified or stratbound mineral deposit | bedded or blanket vein | lenticular deposit or pocket | flat or horizontal vein | mantle | [Atacama, Ch] a thick breccia zone | [Maravatío, Méx] gold-bearing gossan | *m. broceador* [Atacama, Ch] unmineralized bed | *m. de azul* [Cartagena, Sp] bed containing *azul*, disseminated galena and pyrite | *m. de corrimiento* nappe | *m. freático* water-bearing bed | *m. hidráulico* water-bearing bed | *m. negro* augite porphyry | *m. pintador* [Atacama, Ch] mineralized bed | *m. sobreescurrido* overthrust

manzana *nf* [Arg] a land measure (about 2.5 acres) | [CAm] a land measure (about 1.75 acres)

mapa *nm* map | *m. administrativo* plat | *m. básico* base map | *m. de base* base map | *m. de superficie* surface map | *m. estructural* structure contour map | *m. geológico* geologic map | *m. topográfico* topographic map

mapamiento,-ta *adj* mapping

mapoteca *nf* map archive

mápula *nf* [Popayán, Col] a precious stone

maquila *nf* [Bol] smelting charges, smelting toll

maquina diamantina *nf* [Bol] diamond drill

mar *nm* ocean, sea | *m. abisal* abyssal sea | *m. adentro* offshore | *m. epicontinental* epeiric sea

marca *nf* framework | district or province | symbol stamped on bullion to indicate that taxes or duties have been paid | *m. de arrastre* scour mark | *m. de escurrimiento* rill mark | *m. de oleaje* ripplemark | *m. de remolino* eddy mark | *m. lunada* gouge mark

marco *nm* a weight of 8 *onzas* | *m. de oro* weight of 50 *castellanos*, 400 *tomines* or 4800 *granos* | *m. de plata* weight of 8 *onzas*, 64 *ochavas*, 128 *adarmes*, 384 *tomines* or 4608 *granos*

marcha *nf* | *m. aleatoria* random walk

marea *nf* tide | *m. alta* high tide | *m. baja* low tide | *m. gravimétrica* tidal gravity | *m. lunar* lunar tide | *m. muerta* | *m. roja* red tide | *m. viva* spring tide

marecanita *nf* obsidian

maremotar,-triz *adj* tidal

marejada *nf* cross-bedding

marengo *adj/nm* dark grey

marga *nf* marl | loam | marlstone | [Titiribí, Col] spathic iron | *m. límica* bog lime

margen *nm* margin, fringe, edge, border | river bank | *m. continental* continental margin

margoso,-sa *adj* marly, loamy

marguero *nm* marl pit

marino,-na *adj* marine

marisma *nf* salt lake

marismeño,-ña *adj* marsh

marjal *nm* marsh, bog

marmaja *nf* [Méx] pyrite | [Col] pyrite or marcasite

marmita *nf* pothole | *m. de gigante* pothole | *m. glacial* kettle

marmól *nf* marble | *m. brecha* brecciated marble | *m. brocatel* spotted or veined marble | *m. de puebla* [Teocalli, Puebla, Méx] onyx marble | *m. estatuario* or *m. de estatuas* statuary marble | *m. lumaquela* marble rich in shells | *m. mexicano* lime alabaster | *m. pintado* spotted marble | *m. rayado* streaked marble | *m. serpentino* serpentine marble

marmolete *nm* [Vz] a var limestone

marmór *nm* marble | [Almadén, Sp] melaphyre

marna *nf* [Arg] marl

marquesita *nf* marcasite

masa *nf* mass of metal or ore | irregular deposit | sedimentary deposit | *m. blanda* soft, semi-consolidated sediment such as clay or coal | *m.*

del criadero vein filling | m. dura quartzose consolidated sediment | m. echada irregular deposit more or less stratiform | m. filonía ore shoot | m. firme quartzose consolidated sediment | m. floja soft sediment such as sand or peat | m. fundida melt | m. levantada irregular deposit discordant with bedding | m. movizada soft sediment | m. muy duro or muy firme very hard rocks such as chert, granite, gneiss, etc. | m. quebrizada consolidated, clayey sediments | m. suelta soft, unconsolidated sediment

masicote *nm* masicot

masivo,-va *adj* massive

mata *nf* [met] matte | *matas de oro* [Col] bunches of gold ore

matar un pozo *vtr* to kill a well

matatena *nf* [Méx] pebble, cobble

mate *adj* unpolished | slaked

matera *nf* [Col] mine in which gold is found in bunches or *matas de oro*

materia *nf* material | matter | overburden | *m. bituminosa* kerabitumin | *m. estéril* barren material

material *nm* material | *m. en bruto* raw material | *m. estéril* overburden

matloquita *nf* matlockite

matriz *nf* matrix, gangue | *m. de las variancas-covariancas* variance-covariance matrix

matutina *nf* morning vein

máximo *nm* high, upper part of a structure or anomaly | *m. magnético* magnetic high

maxvelio *nm* Maxwell

mazamorra *nf* [Col] imperfect and accidental working

mazomorrear *vtr* [Col] to wash gold

mazut *nm* fuel oil

meandro *nm* meander | *m. abandonado* abandoned meander | *m. de valle* valley meander | *m. libre* free meander

médano *nm* sand dune | sand bar | *m. fijado* anchored dune | *m. lateral* shifting dune | *m. ligado* attached dune | *m. ondulado* stable sand hill | *m. vivo* active dune

media *nf* half | mean | *m. aritmética* arithmetic mean | *m. armónica* harmonic mean | *m. barreta* [Bol, Pe] an irregular inclined shaft | *m. caña* | *m. cuadrática* quadratic mean | *m. geométrica* geometric mean | *m. móvil* moving average | *m. pepena* [Méx] medium quality ore | *m. vida* half-life

medianas *nf* median

medidor *nm* meter | *m. de pH* pH meter

medio *nm* middle | mean

medioambiente *nm* environment

medir *vtr* to measure

megafósil *nm* macrofossil, megafossil

megascópico,-ca *adj* megascopic

melaconisa *nf* tenorite

melárido *nm* melaphyre (*obs*, basalt)

meláfiro *nm* melaphyre

melanocrático,-ca *adj* melanocratic

melita *nf* mellite

membrana *nf* membrane

memoria *nf* report, record | [Méx] payroll (at a mine)

mena *nm* vein of ore | ore in general | *m. bruto* or *crudo* raw ore | *m. de los pantanos* bog iron ore | *m. grueso* ore in large lumps | *m. recio* massive ore

mención *nf* record

mensura *nf* survey | *m. con brújula* Brunton Brunton survey | *m. con estadia* stadia survey

mensurado,-da *adj* surveyed

mensurar *vtr* to survey

mercúrico,-ca *adj* mercuric

mercurio *nm* mercury | mercury ore | *m. argental* argental mercury | *m. argénteo* argental mercury | *m. cárneo* or *dulce* calomel | *m. hepático* liver ore, hepatic cinnabar | *m. nativo* native mercury

mercurioso *adjm* mercurous

meridiano *nm* meridian

merma *nf* waste, loss in processing

meroédrico,-ca *adj* merohedral

meroxeno *nm* meroxene

mesa *nf* mesa, table mountain | principal facet of a precious stone | [Chañarcillo, Ch] smooth face of sterile limestone along the footwall of mineralized limestone | *m. de concentración* concentrating table | *m. de glaciares* glacial table | *m. para lamas* slime table

meseta *nf* plateau | *m. basáltica* basalt plateau | *m. continental* continental plateau

mesosfera *nf* mesosphere

mesoroca *nf* mesorock

mesotipo *nm* mesotype

mesozoico,-ca *adj* Mesozoic | *nm* Mesozoic

mesozona *nf* mesozone

metal *nm* metal | alloy | ore | *m. acopolado* [San Alto, Méx] fine yellow cassiterite obtained by washing *tierras* | [Sultepec, Méx] ore

containing 50 to 60 ounce per ton silver | *m. amarillo calaverite* | *m. antimonioso* [Huitzoco, Méx] *livingstonite* | *m. azul galena* | *m. azul de plata* silver-bearing galena | [Almadén, Sp] rich mercury ore | *m. azulado* selbite | *m. barreteado* ore freshly cut from a working face and yet to be sorted and crushed | *m. blanco cerargyrite* | *m. calichoso* [Méx] feldspathic ore | *m. cálido* [Ch] silver ore suitable for amalgamation by the *tina* process | *m. caracol* [Méx] spiraly wire silver | *m. cenizo* silver chloride | *m. colgado* [Ch] ore-in-sight, ore reserves | *m. común* third class or ordinary ore | *m. corrido* placer ore | *m. de acarreo* secondary ore | *m. de ayuda* flux | *m. de azogue* ore amenable to amalgamation with mercury | *m. de cazo* [Méx] silver chloride ore | *m. de cebo* [Méx] very rich, direct reducing silver ore | *m. de crudo* [Pe] oxidized ore | *m. de color* [Cerro de Pasco, Pe] oxidized copper ore | *m. de correa* [San Luis Potosí, Méx] ore of nearly pure cassiterite | *m. de fuego* smelting ore | *m. de fundición* smelting ore | *m. de labores* smalls from mine workings | *m. de pie* [Méx] ore amenable to beneficiation by the *patio* process of amalgamation | *m. de pinta* silver-bearing ore | *m. de primera (clase)* first-class ore | *m. de quema* [Pe] sulphide ore | *m. de segunda (clase)* second class ore | *m. de tonel* pyritic ore with little silver | *m. despoblado* [Méx] ore with much gangue, low-grade ore | *m. en barra* bullion | *m. en bruto* ore | *m. en piedra* crude, uncrushed ore | *m. flor* surface ore | *m. gabarro* large, coarse ore | first-class ore | large piece of slag | *m. gráfico* sylvanite | *m. granza* smalls | *m. hierroso* [Peras, Méx] masses of iron ore in cubical fragments | *m. hecho* selected ore, prill | *m. hojoso* nagyagite | *m. humiento* [Guadalcázar, Méx] complex silver ore | *m. jugoso* [Méx] lead ore | *m. machacado* native gold and silver leaf | *m. mogino* [Guadalcázar, Méx] mixture of argentiferous galena, argentite and silver telluride | *m. mosqueado* [Taviches, Méx] pyrargyrite disseminated in quartz matrix | *m. nativo* native metal | *m. negro* sphalerite [Cerro de Pasco, Pe] sulfuretted copper ore | *m. negro argentífero* tetrahedrite | *m. noble* free-milling ore | *m. ordinario* low-grade ore | *m. pastoso* argentiferous galena | [Méx] bournonite | *m. pepena* rich ore | *m. plateado* [Pe] ore of copper assaying about 60% copper | *m. plomoso* lead ore | *m. plomoso reluciente* silver-bearing lead ore | *m. polvorilla*

argentite | *m. regular average grade ore* | *m. verde* embolite | [Méx] silver ore with copper carbonates, oxides and sulfides | *m. virgen* native metal
metalada *nf* [Méx] a discovery of ore in a previously unproductive working
metálico,-ca *adj* metallic
metalífero,-ra *adj* metalliferous
metalización *nf* metallization
metalogénesis *nf* metalligenesis
metalogenético,-ca *adj* metallogenic
metaloide *nm* metaloide
metalurgia *nf* metallurgy
metalúrgico,-ca *adj* metallurgical | *nm* metallurgist
metamítico,-ca *adj* metamict
metamórfico,-ca *adj* metamorphic
metamorfismo *nm* metamorphism | *m. cáustico* regional metamorphism | *m. de carga y descarga* burial metamorphism | *m. de contacto* contact metamorphism | *m. de dislocación* dynamic metamorphism | *m. de presión* burial metamorphism | *m. dinámico* dynamic metamorphism | *m. general* regional metamorphism | *m. geotérmico* thermal metamorphism | *m. regional* regional metamorphism
metamorfosear *vtr* to metamorphose
metano *nm* methane
metasedimento *nm* metasediment
metasomático,-ca *adj* metasomatic
metasomatismo *nm* metasomitism
metasomatosis *nf* metasomatism
metavulcánita *nf* metavolcanic
meteorito *nm* meteorite
meteorización *nf* weathering | *m. diferencial* differential weathering | *m. física* mechanical weathering | *m. mecánica* mechanical weathering | *m. química* chemical weathering
meteorizado,-da *adj* weathered
meteorizar *vtr* to weather
método *nm* method, process | *m. de encasillado* square setting | *m. de los momentos* method of moments | *m. de monte carlo* monte carlo method
meteoro *nm* meteor
metro *nm* meter | *m. cuadrado* cubic meter | *m. cúbico* cubic meter
mezcla *nf* mixture, admixture, blend | mixing | melange
mezclable *adj* miscible

mezclar *vtr/pr* to mix, admix
mezcuitlatl *nm* opal
miargirita *nf* miargyrite
miarolítico,-ca *adj* miarolitic
miascita *nf* miaskite (*obs.*, nepheline syenite)
mica *nf* mica | miner's term for small crystals of pyrite | pyrrhotite | [Col] lead molybdate | *m.*
blanca muscovite | *m. caliza* margarite | *m. de litio* lepidolite | *m. dilatada* expanded mica | *m. ferrolítica* zinnwaldite | *m. negra* biotite | *m. parda* phlogopite | *m. potásica* muscovite
micáceo,-cea *adj* micaceous
micacita *nf* mica schist
mica-pizarra *nf* mica schist
micasquito *nm* mica schist
micela *nf* micelle
micra *nf* micron
microbrecha *nf* microbreccia
microclástico,-ca *adj* microclastic
microclina *nf* microcline
microclino *nm* microcline
microcristalino *adj* microcrystalline
microelemento *nm* trace element
microestructura *nf* microstructure
micro-filón *nm* veinlet, microvein
micromilímetro *nm* micron
micrón *nm* micron
micropérfil *nf* microlog
micropertita *nf* microperthite
micropliegue *nf* microfold
microregistro *nm* microlog
microscopia *nf* microscopy
microscópico,-ca *adj* microscopic
microscopio *nm* microscope | *m. binocular* binocular microscope | *m. estereoscópico* stereoscopic microscope | *m. polarizante* polarizing microscope
microsísmico,-ca *adj* microseismic
microsismo *nm* microseism
miche *nm* [Fresnillo, Méx] a ore of argentiferous galena, sphalerite and pyrite | [Santa Cruz de Alayá, Méx] any black amorphous mineral found in veins
miembro *nm* member
migmatita *nf* migmatite
migmatización *nf* migmatization
migración *nf* migration | *m. de los continentes* continental drift | *m. primaria* primary migration | *m. secundaria* secondary migration
milíbar *nm* millibar
milígramo *nm* milligram

mililitro *nm* milliliter
milímetro *nm* millimeter
milonita *nf* mylonite
milonitización *nf* mylonitization
milla *nf* mile
millón *nm* [Méx] an ore pile
mimatesa *nf* mimetite
mimetita *nf* mimetite
mimetasita *nf* mimetite
mimetismo *nm* mimetism
mina *nf* mine | mineral deposit | ore | spring | *m. ahogada* [Col] placer mine covered by an active landslide | *m. alta* [Col] placer mine situated above available water | *m. amparada* mine maintained in posession by paying the necessary fees but not necessarily worked | *m. antigua* mine worked in Indian or Spanish colonial times | *m. aurífera* graphic tellurium | *m. baja* [Col] placer mine situated below available water | *m. capotera* [Col] shallow placer | *m. catedada* mining claim explored by *catas* or shallow shafts or pits | *m. ciega* [Bol] abandoned working | *m. cogollera* [Col] mine which was profitable when worked at the surface but became unprofitable once workings were extended underground | *m. colindante* adjacent or bordering mine | *m. de aluvión* placer | *m. de arena* sand pit | *m. de balasto* ballast pit | *m. de bronce* bell-metal ore | *m. de cacho* [Col] placer mine where boulders are small enough to be removed by hand | *m. de capacho* [Col] mine with spotty mineralization | *m. de cerro* [Col] mine on a hill top where water is scarce | *m. de cueva* [Col] placer covered by large boulders | *m. de grava* gravel pit | *m. de invierno* [Col] placer mine that can only be worked during the rainy season | *m. de saca* [Col] placer mine that must be continuously dewatered to be worked | *m. de verano* [Col] mine that can only be worked during dry season | *m. despilado* mine robbed of its pillars | *m. en labor* working mine | *m. hervida* [Col] pay-dirt in a pothole | *m. hullera* coal mine | *m. jornalera* [Col] mine which covers costs but yields little profit | *m. tonga* mine that can be drained by gravity | *m. de tope* [Col] mine where gold is found in shoots but is otherwise barren | *m. de transilvania* graphic tellurium
minado *nm* underground working, mining | mine working
minador,-dora *adj* mining | *nm* miner

minal *adj* pertaining to a mine

minar *vtr* to mine, undermine

minera *nf* mine

mineraje *nm* mining

mineral *adj* mineral, ore

mineral *nm* mineral, ore | spring | mine | mining district | *m. a la vista* ore in sight | *m. accesorio* accessory mineral | [Méx]

independent rural town whose principal activity was mining | *m. arrancado* broken ore | *m. bajo de ley* low grade ore | *m. beneficiable* pay ore | *m. cálido* [Ch] silver ore suitable for amalgamation by the *tina* process | *m. de acarreo* secondary ore | *m. de alta ley* high grade ore | *m. de azogue* ore amenable to amalgamation with mercury | *m. de contacto* contact mineral | *m. de coral* cinnabar contaminated by organic matter | *m. de maquila* custom ore | *m. de montaña* ore disseminated in country rock (generally uneconomic) | *m. desmenuzado* fine-grained ore | *m. en rueda* bournonite | *m. filoniano* gangue mineral | *m. gongorado* [Col] vuggy ore | *m. graso* rich ore | *m. guía* type mineral | *m. índice* index mineral | *m. intacto* ore in place | *m. neumatólitico* pneumatolytic mineral | *m. pesado* heavy mineral | *m. piritoso* pyritic ore | *m. pobre* low grade ore | *m. poroso* honeycombed ore | *m. recurrente* | *m. tipomorfo* typomorphic mineral | *m. verde de plomo* pyromorphite

mineralización *nf* mineralization

mineralizador,-dora *adj* mineralizing

mineralizar *vtr* to mineralize

mineralogía *nf* mineralogy

mineralógico,-ca *adj* mineralogical

mineralogista *nm or f* mineralogist

mineraloide *nm* mineraloid

minería *nf* art and science of mining | mining | *m. chica* small mines | *m. hidráulica* hydraulic mining, hydraulicking | *m. mediana* medium-size mines | *m. pequeña* small mines | *gran m.* large mines

minero,-ra *adj* mineral | mining, pertaining to mining | *economía minera* mineral economics

minero *nm* miner | mine | mineral deposit | [Bol, Pe] mine owner | [Potosí, Bol] mine foreman

mineta *nf* little mine | minette

minga *nm* [Bol, Pe] hired Indian labor (this should not be construed as indication that *mingas* were free laborers since most were

employed to pay off debts owed to their employers or were obliged to work on behalf of their *kurakas* with their pay being used by the *kuraka* to make payments in lieu of sending *mitayos* to the mines) | *m. repasiri* Indian hired to mix, ladle and trod ore in the *patio* process of amalgamation of silver ores

minimo *nm* cut-off

minio *nm* minium, red lead

minutas *nfpl* survey notes

mioceno,-na *adj* Miocene | *nm* Miocene

miocénico,-ca *adj* Miocene

miogeosinclinal *nm* miogeosyncline

mira *nf* rod | *m. de nivelación* levelling rod | *m. taquimétrica* stadia rod

misisispiano,-na *adj* Mississippian

misisípico,-ca *adj* Mississippian

mispíquel *nm* mispickel, arsenopyrite

mita *nm* Quechua word for "turn" which in the time of the Incas referred to a period of mandatory public service; under the Spanish this evolved into the *mita minera*, a system of forced labor in the mines of Potosí, Cerro de Pasco and elsewhere in what is now Bolivia and Perú | [Bol] a day's work | *m. mortiri* service tending stamp mills used to crush silver ore | *m. nueva* a new system of forced labor set up by the *Código Carolino* in 1792 under regulations intended to improve the conditions under which *mitayos* served

mitayo *nm* Indian serving his *mita*

mixtura *nf* mixture, blend

moco *nm* iron scoria, slag | *m. de hierro* [El Caratal, Vz] brown iron ore, occurring as ferruginous conglomerate, sandstone, breccia or pisolithic iron ore and is considered to be an indicator of gold mineralization

mocoruña *nm* Indian serving his first *mita* in a mine, i.e. a "greenhorn"

mocheta blanca *nf* [Pachuca, Méx] rhyolitic tuff used as building stone

mocheta morada *nf* [Pachuca, Méx] dacite used as building stone

moda *nf* mode

modelo *nm* model | *m. aleatorio* random model | *m. de crecimiento* growth model | *m.*

determinista deterministic model | *m. estocástico* stochastic model

modo *nm* mode, manner | *m. de yacer* mode of occurrence

módulo *nm* modulus | *m. de precisión* modulus of

precision <i>m. de volumen</i> bulk modulus <i>m. de Young</i> Young modulus	montmorillonita <i>nf</i> montmorillonite
mofeta <i>nf</i> mofette	montón <i>nm</i> heap or pile pile of ore [Méx] a measure of weight [Col] irregular deposit <i>m. acostada</i> stratiform deposit <i>m. estrelazado</i> or <i>estoverca</i> stockwork <i>m. recto</i> a wide vein connecting stratiform and non-stratiform deposits
mogote <i>nm</i> [Pe] surficial, outcropping portion of an ore deposit	morado,-da <i>adj</i> violet, purple
mogollo <i>nm</i> [Méx] silver sulfide ore	morallión <i>nf</i> [Col] an inferior emerald
mojón <i>nm</i> claim corner, monument	morena <i>nf</i> moraine <i>m. basal</i> ground moraine <i>m. central</i> medial moraine <i>m. de ablación</i> ablation moraine <i>m. de fondo</i> ground moraine, basal moraine <i>m. de kames</i> kame moraine <i>m. depositada</i> deposited moraine <i>m. interna</i> ground moraine <i>m. en movimiento</i> moving moraine <i>m. frontal</i> terminal moraine <i>m. lateral</i> lateral moraine <i>m. superior</i> surface moraine <i>m. terminal</i> end or terminal moraine
mojona <i>nf</i> land survey	morénico,-ca <i>adj</i> morainic, morainal
mojonamiento <i>nm</i> monumentation	moreno,-na <i>adj</i> brown
mojonar <i>vtr</i> to set monuments	morfoestructural <i>adj</i> morphostructural
mol <i>nm</i> mole	morfogénesis <i>nf</i> morphogenesis
molaridad <i>nf</i> molarity	morfografía <i>nf</i> morphography
molasa <i>nf</i> limey sandstone molasse	morfológia <i>nf</i> morphology
molde <i>nf</i> mold <i>m. de carga</i> load mold	morfotectónica <i>nf</i> morphotectonics
 moldura de rompiente <i>nf</i> cove	moro,-ra <i>adj</i> color of red wine
mole <i>nm</i> large mass of rock [chem] mole [Col] galena ores or concentrates consisting mostly of galena	moromoro <i>nm</i> [Moquegua, Pe] argillaceous rock
molejón <i>nm</i> [Cuba] reef ridge of rock	morrillo <i>nm</i> cobble, boulder
moler <i>vtr</i> to grind, comminute	morro <i>nm</i> a conical or pyramidal hill
olibdato <i>nm</i> molybdate	mortiri <i>nm</i> an Indian serving his <i>mita</i> tending stamps used to crush silver ore
olibdenita <i>nf</i> molybdenite	mosca <i>nf</i> [Méx] spot of black ore, usually silver sulfide, in quartz matrix
olibdeno <i>nm</i> molybdenum	mosor <i>nm</i> monadnock
molienda <i>nf</i> grinding, crushing <i>m. con pisones</i> stamp milling	mosqueado,-da <i>adj</i> spotted
molinera <i>nf</i> [Sierra Almagrera, Sp] siderite	moteado,-da <i>adj</i> mottled
molino <i>nm</i> mill ore sent to a mill [Col] alluvial material that collects in a ground sluice <i>m. glaciar</i> ice mill <i>m. de mazos</i> stamp mill	movilización <i>nf</i> mobilization
molonque <i>nm</i> [Méx] silver ore in which silver sulfides predominate over gangue <i>m. relumbroso</i> stephanite	movimiento <i>nm</i> movement <i>m. bascular</i> oscillation <i>m. de masas</i> mass movement <i>m. epirogenético</i> epirogenetic movement <i>m. eustático</i> eustatic movement <i>m. orogenético</i> orogenesis
moloquita <i>nf</i> dull green variety of agate	moya <i>nf</i> volcanic clay
monacita <i>nf</i> monazite	muela <i>nf</i> hillock
monoclinal <i>nm</i> monocline	muera <i>nf</i> salt-water or brine
monoclínico,-ca <i>adj</i> monoclinic	muestra <i>nf</i> sample specimin <i>m. alzada a mano</i> grab sample <i>m. de pared</i> core sample <i>m. sesgada</i> biased sample
montaña <i>nf</i> mountain country rock <i>m. de cobijadura</i> overthrust mountain <i>m. de plegamiento</i> folded mountain <i>m. troncal</i> truncated upland	muestrador <i>nm</i> sampler <i>m. de núcleos</i> core sampler <i>m. de testigos</i> core sampler
monte <i>nm</i> mountain <i>m. isla</i> <i>m. residual</i> monadnock	muestreario <i>nm</i> sampling by core drilling
montera <i>nf</i> outcrop [Huelva, Sp] gossan overburden on placer deposits	
montiano,-na <i>adj</i> Montian	
monticelita <i>nf</i> monticellite	
montículo <i>nm</i> hillock, monticule	
montiense <i>adj</i> Montian	

muestreo *nm* sampling

muestro *nm* sampling | *m. múltiple* multiple or repetitive sampling | *m. secuencial* sequential sampling

mulata *nf* [Col] well rounded quartz grains that accompany gold in placers

mulato *nm* dark green or coppery green silver ore | [Pe] silver oxysulfide ore | [Atacama, Ch] silver sulfide ore below *paco* and above *negrillo*

multicolinealidad *nf* multicollinearity

multicolor *adj* multicolored

muñon *nm* mullion

muro *nm* sole | footwall | *m. colgante* hanging wall

muscovita *nf* muscovite

muy minado,-da *adj* honeycombed or dog holed with workings

Ñ

- ñadi *nm* [Ch] broad, shallow swamp
ñakha *nf* finely crushed concentrates
ñato,-ta *adj* flattened (topography)
ñuzco *nm* [Pe] small coal | [Hualgáyoc, Pe] ore
spalled to the size of a walnut

N

- nacarado,-da** *adj* pearly, nacreous
- nacarar** *vtr* to give a pearly luster to
- nacarita** *nf* kaolinite
- naciente** *nm* rising | east | *nmpl* headwaters | [Col] outcroppings
- nacimiento** *nm* spring or source | headwaters | *n. de un río* head of a river
- nafta** *nf* crude oil (*obs*) | naptha | [Arg] gasoline | [Vz] high octane gasoline
- naftalina** *nf* naphthalene
- nafteina** *nf* naphthine (a fossil wax)
- naftina** *nf* napthene
- nagiagita** *nf* nagyagite
- naife** *nm* uncut diamond
- namaqualita** *nf* cyanotrichite
- namuriano,-na** *adj* Namurian
- namurense** *adj* Namurian | *nm* Namurian
- nanofósil** *nf* nanofossil
- nanosegundo** *nm* nanosecond
- nantoquita** *nf* nantokite
- napa** *nf* plate | aquifer | *n. artesiana* artesian aquifer | *n. cautiva* confined groundwater | *n. colgada* perched aquifer | *n. de agua subterránea* water table | *n. rebajada* lowered groundwater
- napoleanita** *nf* corsite
- naranja** *adj* orange | *n. claro* light orange
- nari** *nf* nari (*var* of caliche)
- nariz** *nf* nose (of a fold)
- narria** *nf* a type of sledge
- nata** *nf* slag | [Méx] litharge
- nativo,-va** *adj* native
- natroborocalcita** *nf* ulexite
- natrofilita** *nf* natrophilite
- natrofosfato** *nm* natrophosphate
- navaja** *nf* pocket knife
- nebraskiense** *adj* Nebraskan
- nefelina** *nf* nepheline
- nefelinita** *nf* nephelinite
- nefelinitoide** *nm* nephelinitoid
- nefelino** *nm* nepheline
- nefelita** *nf* nepheline
- nefeloide** *adj* nepheloid
- nefinolito** *nm* nephinolith
- nefrita** *nf* jade, nephrite | nephritoid
- nefrítico,-ca** *adj* jade, nephritic
- negativo,-va** *adj* negative
- negrillo** *nm* native silver black in color | stephanite | dark colored copper-silver ore |
- [Arg, Méx] argentite | [Bol, Ch] complex silver sulfarsenate and antimonate ore | [Caracoles, Ch] complex sulfiodide-sulfchloride-sulfide-carbonate silver-lead ore | [Huelva, Sp] copper rich ore | [Hualgáyoc, Pe] dark mixture of copper, iron and manganese oxides
- negro,-ra** *adj* black | *nm* black | [Ch, Pe] dark colored caliche | [Guadalcázar, Méx] lead-grey, hepatic cinnabar | [Méx] silver-rich tetrahedrite | [Méx] sulphuretted silver ore [Fresnillo, Méx] finely disseminated native silver and argentite in a pyrite matrix | [Charcas, Méx] silver ore consisting of sphalerite, galena, arsenopyrite, and chalcopyrite | *n. de carbono* carbon black | *n. de humo* lamp black | *n. de plomo* graphite
- negro-negro** *nm* [Col] a black micaceous schist that hosts weathered out and hence barren silver veins
- negruco,-ca** *adj* blackish, darkish
- neis** *nm* gneiss | *n. agmatítico* agmatic gneiss | *n. de ojos* augen gneiss | *n. filoniano* aldergneiss | *n. glandular* augen gneiss
- néisisco,-ca** *adj* gneissic
- nematoblástico,-ca** *adj* nematoblastic
- Nemausense** *nm* Nemausian, Valanginien
- neme** *nm* [Col] manganese oxide
- neoautóctono** *nm* neoautochthon
- neoblasto** *nm* neoblast
- neoceno,-na** *adj* Neogene
- Neócico** *nm* Neocomian
- neocomiano,-na** *adj* Neocomian
- neocomiense** *adj* Neocomian | *nm* Neocomian
- neocrystalización** *nf* neocrystallization
- neocrístico,-ca** *adj* neocryst
- neocristo** *nm* neocryst
- neodimio** *nm* neodymium
- neoéspato** *nm* neospar
- neoformación** *nf* neogenesis
- neogénico,-ca** *adj* neogenic
- neógeno,-na** *adj* Neogene | *nm* Neogene
- neoglaciación** *nf* neoglaciacion
- neohexano** *nm* neohexane
- neomineralización** *nf* neomineralization
- neomorfismo** *nm* neomorphism
- neoporfirítico,-ca** *adj* neoporphyritic
- neosomo** *nm* neosome
- neotectónico,-ca** *adj* neotectonic | *nm* neotectonics
- neotipo** *nm* neotype
- neovolcánico,-ca** *adj* neovolcanic

- neozoico,-ca** *adj* Quaternary
- neptunio** *nm* neptunium
- nerítico,-ca** *adj* neritic
- nerviense** *adj* Nervian | *nm* Nervian
- nesofítico,-ca** *adj* diabasic, nesophitic
- nesosilicato** *nm* nesosilicate
- neudeckense** *adj* Neudeckian | *nm* Neudeckian
- neumatógeno,-na** *adj* pneumatolytic
- neumatolítico,-ca** *adj* pneumatolytic
- neumatolosis** *nf* pneumatolysis
- neutroviscoso,-sa** *adj* viscous neutral
- neuvizense** *adj* Oxfordian | *nm* Oxfordian
- nevadiense** *adj* Nevadan
- nevado** *adj* snow-covered | *nm* firnfield, névé | snowcapped mountain, mountain with perpetual snow
- nevero** *nm* perennial snowcap or snowfield
- neviza** *nf* firn, névé
- niagariense** *adj* Niagaran
- nicle** *nm* a var of chalcedony with some bands darker than others
- nicol** *nm* nicol | *nicoles cruzados* crossed nicols
- nicolita** *nf* niccolite, nicolite, nickeline
- nicopirita** *nf* pentlandite
- nicho** *nm* niche | *n. de nivación* nivation hollow | *n. de rompiente* [geomorph] cove
- nidada** or **nida de oro** *nf* nest of gold
- nido** *nm* pocket (of ore) | nest (of minerals)
- niega** *nf* [Cartagena, Sp] sterile portion of a vein
- nieve** *nf* snow | *n. penitente* penitent, sun spike | *n. pulverulenta* powdery snow
- nife** *nm* earth's inner core, nife, sial
- nifésima** *nf* earth's inner core
- níquel** *nm* nickel
- niobio** *nm* niobium
- niobofilita** *nf* niobophyllite
- níquel** *nm* nickel | nickel ore | *n. arsénical* niccolite | *n. blanco* chloanthite | *n.-hierro* nickel-iron
- níquelhexahidrita** *nf* nickelhexahydrite
- níquelífero,-ra** *adj* nickel-bearing, nickeliferous
- niquelina** *nf* niccolite, niccolite
- niquelocre** *nm* annabergite
- nitral** *nm* nitrate bed or deposit | nitrate works
- nitratina** *nf* soda niter, nitratite, caliche
- nitratita** *nf* soda niter, nitratite, caliche
- nitrato** *nm* nitrate | *n. de amonio* ammonium nitrate | *n. de chile* saltpeter | *n. de potasio* potassium nitrate | *n. de sodio* sodium nitrate | *n. sódico* sodium nitrate
- nitrera** *nf* nitrate bed or deposit | nitrate works
- nitrería** *nf* niter bed | nitrate reduction works
- nítrico,-ca** *adj* nitric
- nitrificación** *nf* nitrification
- nitro** *nm* nitrate | niter, saltpeter | *n. de chile* soda niter | *n. potásico* potash niter | *n. sódico* soda niter
- nitrógeno** *nm* nitrogen
- nitroso,-sa** *adj* nitrous
- nitruro** *nm* nitride
- nivación** *nf* nivation
- nivel** *nm* level, height | level (tool) | [Santander, Sp] bed of calamine, worked as benches in a quarry | *n. de agrimensor* surveyor's level | *n. de(l) agua* water level | *n. de agua freática* water table | *n. de arrastre* haulage level | *n. de base* base level | *n. de burbuja* spirit level | *n. de confianza* confidence level | *n. de creciente* flood water level | *n. de erosión* | *n. de la galería* adit level | *n. de explotación* working level | *n. de extracción* hoisting level, winding level | *n. de fluido* fluid level (in a well) | *n. de la napa freática* phreatic water level | *n. de rebanada* slice level | *n. de saturación* level of saturation | *n. de suelo* ground level | *n. del mar* sea level | *n. esférico* spherical level | *n. estático* static water level | *n. estructural* structural stage | *n. fondo* grade level | *n. freático* water table | *n. hidráulico* level of saturation | *n. hidrostático* (ground)water level | hydrostatic level | *n. iluvial* illuvial horizon | *n. inferior* lower level | *n. intermedio* Intermediate level | *n. intermedio* blind level | *n. medio del mar* mean sea level | *n. paralelo* parallel heading | *n. piezométrico* hydraulic gradient | piezometric level | *n. principal* Main level | *n. superior* upper level | *al mismo n.* at the same level | *al n. de* on a level with | *a n. level*
- nivelación** *nf* leveling, aplanation
- nivelador,-dora** *adj* levelling | *nm* or *nf* leveller
- nivelar** *vtr* to level, survey (topographic mapping)
- niveles** *nmpl* water-bearing strata
- niveleta** *nf* levelling staff
- no alterado,-da** *adj* unaltered
- no asfáltico,-ca** *adj* nonasphaltic
- nobelio** *nm* nobelium
- nobleza** *nf* richness (of ore)
- nocerita** *nf* fluoborate
- no concordancia** *nf* nonconformity
- nochistle** *nm* [Méx] chalcopyrite | [Tasco, Méx]

proustite	north
nódulo <i>nm</i> nodule [Col] ore shoot <i>n.</i>	northfieldita <i>nf</i> esmeraldite
ferruginoso ferruginous nodule <i>n.</i> ferrífero ball	noseanolítico <i>nm</i> noseanolith
ironstone	noseana <i>nf</i> nosean, noselite
noduloso,-sa <i>adj</i> nodular	Notosilopeano <i>nm</i> [Patagonia, Arg] a local age
no estratificado,-da <i>adj</i> unstratified	at the base of the Miocene
no explorado,-da <i>adj</i> unexplored	novaculítico,-ca <i>adj</i> novaculitic
no explotado,-da <i>adj</i> unexploited, unworked	novato <i>nf</i> worker with no experience in drilling
no ferroso,-sa <i>adj</i> nonferrous	wells, "boll weevil"
no indurado,-da <i>adj</i> not indurated	nube <i>nm</i> cloud <i>n.</i> ardiente ash flow <i>n. de</i>
nolí <i>nm</i> [Col] antimony oxysulphide derived by	<i>cenizas</i> ash cloud
oxidation of stibnite	núcleo <i>nm</i> nucleus core [Río Tinto, Sp]
no metálico <i>nm</i> nonmetallic	node of copper ore <i>n.</i> antiguo shield <i>n.</i>
nomogramo <i>nm</i> nomograph	atómico atomic nucleus <i>n. de la tierra</i> earth's
no polar <i>adj</i> non-polar	core <i>n. de pliegue</i> arch core <i>n. del sinclinal</i>
noque <i>nm</i> [Ch] large stone receptacle for	trough core <i>n. mineralizado</i> ore shoot <i>n.</i>
calicining ores stone through which amalgam	terrestre earth's core <i>n. testigo</i> drill core
is washed in the <i>patio</i> process [Pe] canvas	nucleogénesis <i>nf</i> nucleogenesis
sack used to recover mercury from amalgam	nudo <i>nm</i> kink knot of ore, etc. junction of
nordfieldita <i>nf</i> esmeraldite	two mountain ranges
no renovable <i>adj</i> nonrenewable	nudososo,-sa <i>adj</i> knotty, bunchy
norfolkense <i>adj</i> Norfolk <i>nm</i> Norfolk	nuevita <i>nf</i> samarskite
noriano,-na <i>adj</i> Norain	nuevoleonense <i>adj</i> Nuevoleonian
noriense <i>adj</i> Norian	numérico,-ca <i>adj</i> numerical
norilskita <i>nf</i> norilskite	número <i>nm</i> number <i>n. al azar</i> random number
norma <i>nf</i> norm pattern	<i>n. atómico</i> atomic number <i>n. de octano</i>
normalización <i>nf</i> normalization	octane number
normalizar <i>vtr</i> to normalize (math)	numulítico,-ca <i>adj</i> Paleogene
normativo,-va <i>adj</i> normative	nusco <i>nm</i> [Amazonas, Pe] gold-bearing iron and
norte <i>nm</i> north <i>n. de brújula</i> compass north <i>n.</i>	manganese oxide-talc-quartz ore
magnético magnetic north <i>n. verdadero</i> true	

O

- obducción** *nf* obduction
- obispo** *nm* [Calif] condensed oil extracted from some crude oils | [Ch] caliche with a purplish hue
- objetivo** *nm* objective, objective lens
- oblicuo,-cua** *adj* oblique
- oblongo,-ga** *adj* oblong
- obra** *nf* work, labor | piece of work | *obra de desfrute* workings in ore | *obra muerta* dead workings, workings in barren rock
- obrador** *nm* workman, labororer
- obradora** *nf* [Méx] rock that breaks easily (*o. buena*) or or with difficulty (*o. mala*) when worked
- obrajero** *nm* foreman, overseer
- obrero** *nm* worker, laborer | *o. minero* Mine worker | *o. sondista* roughneck
- obrizo,-za** *adj* pure, refined
- obrizo** *nm* fine gold
- obsecuente** *adj* obsequent
- observación** *nf* remark | observation | *observaciones aparejadas* paired observations
- observado,-da** *adj* observed
- obsidiana** *nf* obsidian | *o. de pénjamo* a var of obsidian highly valued by natives of México
- obsidianita** *nf* obsidianite (*obs tektite*)
- obstáculo intermedio** *nm* stable zone between mobile belts
- obstruido,-da** *adj* obstructed | [Bol] blocked out (ore)
- obturación** *nf* obturation, filling
- obtusángulo** *nm* obtuse angle
- obtuso,-sa** *adj* obtuse
- occidental** *adj* occidental, of inferior quality (gems)
- ocelar** *adj* ocellar
- ocelo** *nm* ocellus
- oclusión** *nf* occlusion, absorption
- ocre** *adj* ocherous | *nm* ocher | *o. almagro* red ocher | *o. amarillo (de hierro)* yellow ocher, limonite | *o. antimonial* antimony ocher, stibconite, cervantite | *o. azul* blue ocher, azurite | *o. colorado* red ocher | *o. de antimonio* antimony ocher | *o. de Armenia* a dark red clay from Lemnos, Greece | *o. de búcares* an orange-red ocher from Portugal | *o. de cobre* malachite | *o. de hierro* paint rock | *o. de manganeso* wad | *o. de montaña* red ocher | *o. de níquel*
- annabergite** | *o. de plomo cerussite* | *o. de tungsteno tungstite* | *o. marcial limonite* | *o. negro wad* | *o. plomífero* massicot, litharge | *o. rojo red ochre* | *o. tungsteno tungstite*, ferrotungstite
- ocroíta** *nf* cerite
- ocrolita** *nf* nadorite
- octaédrico,-ca** *adj* octahedral
- octaédrita** *nf* octahedrite (meteorite) | anatase (mineral)
- octaedro** *nm* octahedron
- octafilita** *nf* octaphyllite
- octano** *m* octane
- oculto,-ta** *adj* occult
- ochava** *nf* two adarmes or 72 granos
- ochoense** *adj* Ochoan
- ochran** *nm* [Oravieza, Sp] a yellow clay
- oerstedio** *nm* oersted
- oficalcita** *nf* ophicalcite
- oficarbonato** *nm* ophicarbonate
- oficina** *nf* [Pe, Ch] nitrate works | [Méx] furnace used to retort mercury | *o. de beneficio* mill | *o. de concentración* concentrator | *o. de fundición* smelter
- ofiolita** *nf* ophiolite
- ofiolítico,-ca** *adj* ophiolitic
- ofita** *adj* ophite
- ofítico,-ca** *adj* ophitic
- ohmio** *nm* ohm
- oikocrist** *nm* oikocryst
- oitava** *nf* [Méx] a weight of approximately 17.5 carats
- ojiva** *nf* ogive
- ajo** *nm* small irregular bunch of ore | (SWUS) very small lake, pond | *o. de agua* spring discharging on a plain | *o. de gato* cat's eye, a variety of agate | *o. de muerto* [Cauca, Col] a porphyry with large white porphyroblasts | *o. de pavo real* a var marble | *o. de perdiz* finely-crystalline galena | *o. de pescado* a var of apophyllite | *o. de polvillo* patch of rich ore | *o. de tigre* tiger's eye | *o. de víbora* [Zacatecas, Méx] yellow sphalerite | *o. termal* hot spring
- olefina** *nm* olefin
- olenekiense** *adj* Olenkian
- oleoducto** *nm* pipeline
- Olenense** *nm* Potsdam
- Olenidense** *nm* Potsdam
- oligisto** *nm* specular hematite | *o. micáceo* micaceous iron ore | *o. rojo* hematite
- oligocénico,-ca** *adj* Oligocene

- oligoceno,-na** *adj* Oligocene | *nm* Oligocene
- oligoclasa** *nf* oligoclase
- oligoclasita** *nf* oligoclasite (*obs*, variety of diorite)
- oligoelemento** *nm* trace element
- oligofiro** *nm* oligophyre (*obs*, variety of diorite)
- oligomítico,-ca** *adj* oligomictic
- oligopélico,-ca** *adj* oligopelitic
- oligosita** *nf* oligoclasite (*obs*, variety of diorite)
- oligotrofía** *nf* oligotrophy
- oligotrófico,-ca** *adj* oligotrophic
- olisoglypho** *nm* olistoglyph
- olistostroma** *nf* olistostrome
- olivina** *nf* olivine *impr*
- olivinita** *nf* olivinite
- olivino** *nm* olivine
- olivinoide** *nm* olivinoid
- olla** *nf* whirlpool | [Méx] slag pot | [Sp] cirque
| *o. de gigante* pot hole | *o. de remolineo* pot hole
- ollero** *nm* [Méx] a worker who handles slag pots
- olleta** *nf* [Antioquia, Col] pot-holes in bedrock of placers
- ollo de sapo** *nm* [Sp] augengneiss
- ombrogénuo,-nua** *adj* ombrogenous
- omfacita** *nf* omphacite
- omisión** *nf* [strat] omission
- onda** *nf* wave (electromagnetic or sonic) | *o. acústica* acoustic wave | *o. de explosión* detonation wave | *o. longitudinal* longitudinal wave | *o. parásita de superficie* ground roll | *o. reflejada* reflected wave | *o. refractada* refracted wave | *o. sísmica* seismic wave | *o. sonora* sound wave | *o. superficial* surface wave | *o. transversal* transverse wave | *o. trasmisora* carrier wave
- ondeante** *adj* undulating
- óndula** *nf* [Arg] ripple | *o. descendente* downslope ripple | *o. incompleta* star ripple
- ondulación** *nf* undulation | [Sp] ripple | ripple mark | *o. asimétrica* asymmetric ripple mark | *o. conjugada* compound ripple mark | *o. de cauce* ripple scour | *o. de interferencia* cross-ripple | *o. de resaca* backwash ripple mark | *o. linguloide* cusperate or linguloid ripple mark | *o. simétrica* symmetric ripple mark | *o. transversa* transverse ripple mark
- ondulado,-da** *adj* undulate, undulated
- ondulante** *adj* undulating
- ondulita** *nf* [Arg] ripple mark | *o. asimétrica* asymmetric ripple mark | *o. conjugada* compound ripple mark | *o. de cauce* ripple
- scour** | *o. de resaca* backwash ripple mark | *o. linguloide* cusperate or linguloid ripple mark | *o. simétrica* symmetric ripple mark | *o. transversa* transverse ripple mark
- ónice** *nm* onyx | *o. de Argelia* calcite stalagmite or stalagmite
- ónique** *nm* onyx
- ónix** *adj* onyx | *nm* onyx | *o. Mexicano* alabaster
- onokoide** *nm* onokoid
- onondagiense** *adj* Onondagan
- Ontariano** *nm* Ontarian
- onza** *nf* ounce
- ooide** *nm* ooid
- oofásmico,-ca** *adj* oophasmic
- oolita** *nf* oolite | *o. férrica* oolitic iron ore, minette
- oolítico,-ca** *adj* oolitic
- oolitización** *nf* oolithization
- oolito** *nm* oolith
- oolitoide** *nm* oolitoid
- ooloide** *nm* ooloid
- ovoide** *nm* ovoid
- opacidad** *nf* opacity
- opacita** *nf* opacite
- opaco,-ca** *adj* opaque
- opalado,-da** *adj* opalized
- opalescencia** *nf* opalescence
- opalescente** *adj* opalescent
- opalino,-na** *adj* opalescent, opal, opaline | *nf* opaline
- opalizado,-da** *adj* opalized
- ópalos** *nm* opal | *o. común* common opal | *o. de fuego* fire opal | *o. de madera* wood opal | *o. dorado* fire opal | *o. fino* fine opal | *o. jaspeado* jaspopal | *o. lechoso* milk opal
- operario** *nm* working miner
- operación** *nf* operation
- operacional** *adj* [strat] operational
- operador,-dora** *nm/f* operator
- opisometro** *nm* opisometer
- opoca** *nf* Opoka
- optálico,-ca** *adj* optalic, caustic
- óptica** *nf* optics | *o. cristalográfica* optical crystallography
- óptico,-ca** *adj* optic, optical
- optimación** *nf* optimization | *o. en la recuperación de petróleo* enhanced oil recovery
- opuesto,-ta** *adj* opposite
- oquedad** *nf* pore, cavity, vug | channel of communication between orebodies
- orbiculo** *nm* orbicule

- órbita** *nf* orbit
- orden** *nm* order | *o. de cristalización* order of crystallization
- ordenación** *nf* [Sp] data processing
- Ordenanzas de Minería** *nfpl* mining laws introduced to México in 1784 and remaining in effect until the *código de minas* of 1884
- Ordenanzas de Nueva España** *nfpl* mining laws in force in Perú from 1786 to 1900
- Ordenanzas del Nuevo Cuaderno** *nfpl* mining law established by King Phillip II of Spain
- ordoñezita** *nf* ordonezite
- Ordovicense** *nm* Ordovician
- ordoviciano,-na** *adj* Ordovician
- ordovícico,-ca** *adj* Ordovician | *nm* Ordovician
- oreliense** *adj* Orellan
- orfeita** *nf* orpheite
- organal** *nm* [Col] gold-bearing gravels intercalated with boulders and cobbles rendering exploitation difficult
- orgánico,-ca** *adj* organic
- organograma** *nm* chart
- organógeno,-na** *adj* organogenic
- organometálico,-ca** *adj* organometallic
- organosedimentario,-ria** *adj* organosedimentary
- orientación** *nf* direction | orientation | *o. preferencial* preferred orientation
- oriental** *adj* oriental, genuine (gems)
- orientación** *nf* orientation
- orientado,-da** *adj* oriented
- orientar** *vtr* to orient
- oriente** *nm* orient (gems)
- orificio** *nm* opening
- orilla** *nf* river bank | shore (sea or lake) | edge, side | selvage | rim | *o. cóncava* concave bank | *o. convexa* convex bank | *o. de arcilla* or *de barro* clay selvage | *o. de deslizamiento* landslide scar or terrace
- orillo** *nm* selvage
- orín** *nm* rust
- oriskaniense** *adj* Oriskanian
- orito** *nm* [Col] color, traces of gold found in a gold pan
- orizita** *nf* epistilbite
- orla** *nf* border, fringe | *o. continental* continental borderland | *o. freática* capillary fringe
- oro** *nm* gold | *o. argental* copper-bearing electrum | *o. bajo* gold ore of low grade | *o. batito* beaten gold | *o. blanco* white gold | *o. blanco de Colombia* amalgam | *o. bruto* gold bullion | *o. corrido* [Ch] placer gold | *o. crespo*
- [Col] distal placer gold | *o. cristalizado natural* crystal of gold | *o. de aluvión* placer gold | *o. de barranca* [Col] gold from the *cerros* of Santa Rosa | *o. de escama* [Col] spangle gold | *o. de espuma* [Col] float gold | *o. de gato (de los gatos)* biotite with a gold-like or metallic color, fool's gold | *o. de lavadero* gold that can be panned or washed | *o. de ley* fine gold | *o. de molino* gold obtained in trunking | *o. de monte* [Col] gold from the mines of Angostura, Antioquia (distal placer gold deposits) | *o. de Nagyag* nagyagite | *o. de recogida* [Col] a lot of gold obtained from several mines | *o. de veta* vein gold | *o. empolvado* gold dust | *o. en barras* gold bullion | *o. en hojas* gold leaf | *o. en panes* gold leaf | *o. en pasta* gold bullion | *o. en polvo* gold dust | *o. filoniano* vein gold | *o. fino* [Col] distal placer gold | *o. greda* [Vz] placer gold | *o. guanín* gold under legal standard | *o. libre* free gold | *o. mate* unpolished gold | *o. molido a mano* gold obtained by hand grinding | *o. moscorrofio* [Col] wire gold found in placers | *o. nativo* native gold | *o. negro* [Vz] gold covered by iron oxide and organic matter which will not amalgamate | *o. niño* [Col] float gold | *o. paradójico* native tellurium | *o. puro* fine gold | *o. refinado* refined gold | *o. verde* gold of a greenish color | *o. virgen* gold bullion
- oroclino** *nm* orocline
- orocrático,-ca** *adj* orocratic
- oroche** *nm* [Méx] bullion containing both gold and silver | *o. natural* electrum
- orogen** *nm* orogenic belt
- orogénesis** *nm* mountain building, orogenesis, orogeny
- orogenético,-ca** *adj* orogenetic
- orogenia** *nf* mountain building, orogenesis, orogeny
- orogénico,-ca** *adj* orogenic
- órógeno** *nm* orogenic belt, orogen
- orogeosinclinal** *nm* orogeosyncline
- orografía** *nf* orography
- orográfico,-ca** *adj* orographic
- orometría** *nf* orometry
- oropimente** *nm* orpiment
- oropíón** *nf* a soft, brown or reddish black clay
- oroseíta** *nf* iddingsite
- ortita** *nf* orthite, allanite
- ortoanfibol** *nm* orthoamphibole
- ortoandesita** *nf* orthoandesite (*obs.*, orthopyroxene andesite)

ortobituminoso,-sa <i>adj</i> orthobituminous	osificación <i>nf</i> ossification
ortobromita <i>nf</i> embolite	osificar <i>vtr</i> to ossify
ortocaliza <i>nf</i> ortholimestone	osificarse <i>vpr</i> to become ossified
ortoclasa <i>nf</i> orthoclase	osipita <i>nf</i> ossipite (<i>obs</i> , granite, syenite)
ortoclasita <i>nf</i> orthoclasisite (<i>obs</i> , granite, syenite)	osmio <i>nm</i> osmium
ortoclino <i>nf</i> orthoclinal	osmiridio <i>nm</i> osmiridium
ortoclorita <i>nf</i> orthoclchlorite	ostrácod <i>nm</i> ostracod
ortoconglomerado <i>nm</i> orthoconglomerate	otajanita <i>nf</i> ottajanite (<i>obs</i> , leucite trachybasalt)
ortocronología <i>nf</i> orthocronology	oulofolita <i>nf</i> oulofolite, cave flower
ortocrisotil <i>nm</i> orthochrysotile	ovillo <i>nm</i> skein <i>en forma de o.</i> tangle-shaped, tangled-up
ortocuarcita <i>nf</i> orthoquartzite	ovoide <i>adj</i> ovoid, oviform, egg-shaped
ortocuarcítico,-ca <i>adj</i> orthoquartzitic	ovoideo,-da <i>adj</i> ovoid, oviform, egg-shaped
ortodolomía <i>nf</i> orthodolostone	oviforme <i>adj</i> oviform, ovoid, egg-shaped
orto-eje <i>nm</i> orthoaxis	oxalita <i>nf</i> humboldtine
ortoesquistio <i>nm</i> orthoschist	oxamita <i>nf</i> oxammite
ortoestratigrafía <i>nf</i> orthostratigraphy	oxfordiano,-na <i>adj</i> Oxfordian
ortofelsita <i>nf</i> orthophyre	oxfordense <i>adj</i> Oxfordian <i>nm</i> Oxfordian
ortofírico,-ca <i>adj</i> orthophyric	oxibasiofítico,-ca <i>adj</i> oxybasiophilic
ortófiro <i>nm</i> orthophyre (<i>obs</i>)	oxicloruro <i>nm</i> oxychloride <i>o. de cobre</i> atacamite
ortogeosinclinal <i>nm</i> orthogeosyncline	oxidación <i>nf</i> oxidation, oxidizing
ortogneis <i>nm</i> orthogneiss	oxidadante <i>adj</i> oxidizing
ortogonal <i>adj</i> orthogonal	oxidar <i>vtr</i> to oxidize
ortográfico,-ca <i>adj</i> orthographic	oxidato <i>nm</i> oxidate
ortogranito <i>nm</i> kaligranite	oxidita <i>nf</i> oxidite, shale-ball
orthídrico,-ca <i>adj</i> orthohydrous	óxido <i>nm</i> oxide ó. <i>cúprico</i> tenorite ó. <i>de calcio</i> quicklime ó. <i>de cinc</i> calamine, zincite ó. <i>de circonio</i> baddeleyite ó. <i>de cobre</i> cuprite, tenorite ó. <i>de estaño</i> cassiterite ó. <i>de hierro</i> iron oxide ó. <i>de manganeso</i> manganese oxide, pyrolusite ó. <i>de mercurio</i> hydrargyrite ó. <i>de paladio</i> paladite ó. <i>de titanio</i> titanium dioxide ó. <i>de urano</i> uraninite ó. <i>de zinc</i> zinc oxide ó. férriko ferric oxide ó. hidratado hydrated oxide ó. <i>rojo de cinc</i> zincite
ortolignítico,-ca <i>adj</i> ortholigneous	oxigenado,-da <i>adj</i> oxygenated
ortomagnético,-ca <i>adj</i> orthomagnetic	oxígeno <i>nm</i> oxygen
ortomarmól <i>nm</i> orthomarble	oxihornblenda <i>nf</i> oxyhornblende, basaltic hornblende
ortomatriz <i>nf</i> orthomatrix	oximagnita <i>nf</i> oxymagnite, maghemite
ortométrico,-ca <i>adj</i> orthometric	oximesostasis <i>nf</i> oxymesostasis
ortomímico,-ca <i>adj</i> orthomimic	oxifítico,-ca <i>adj</i> oxyophilic
ortomórfico,-ca <i>adj</i> orthomorphic, conformal	oxisfera <i>nf</i> oxisphere
ortomorfismo <i>nf</i> orthomorphism, conformatility	oxoferrita <i>nf</i> oxoferrite
ortoneis <i>nf</i> orthogneiss	Ozarkense <i>nm</i> Ozarkian (<i>obs</i>)
ortopiroxenita <i>nf</i> orthopyroxenite	ozoquerita <i>nf</i> ozocerite, native parrafin
ortopiroxeno <i>nm</i> orthopyroxene	
ortorroca <i>nf</i> orthorock	
ortorrómico,-ca <i>adj</i> orthorhombic	
ortosa <i>nf</i> orthoclase <i>o. descompuesta</i> kaolinized orthoclase <i>o. sódica</i> sanidine	
ortosilicato <i>nm</i> orthosilicate	
ortosita <i>nf</i> orthosite	
ortotéctico,-ca <i>adj</i> magmatic	
ortotectonismo <i>nm</i> orthotectonics, alpinotype tectonics	
oruga <i>nf</i> bulldozer, caterpillar tractor, "cat"	
oscilación <i>nf</i> oscillation	
oscilar <i>vtr</i> to oscillate	

P

pabellón *nm* pavilion (of a precious stone)
paco *nm* [Bol, Pe] gossan, oxidized or partly oxidized ore of a reddish color | [Ch] silver chloride ore
pacoso,-sa *adj* [Pe] oxidized, gossany
pack *nm* pack ice
pachamanca *nf* [Pe] a small reverboratory furnace
pachapampa *nf* [Pe] ore cobbed from waste
pachas *nfppl* [Pe] gypsum
padrastal *nm* sterile vein cutting a mineralized vein
padre del sal *nm* crystalline selenite
padrón *nm* register of a denounced (filed) claim
pago *nm* payment | *p en producción* production payment loan
paigeita *nf* vonsenite
paila *nf* large pan | *p. de amalgamación* amalgamating pan
país *nm* country | *p. bajo* flatland | *p. marginal* borderland
paisaje *nm* landscape
paja quemada *nf* [Potosí, Bol] plumosite which resembles burnt straw
pájaro minero *nm* [Vz] a species of bird which was thought to be a sure indicator of placer gold
pajuela *nf* ore that glitters | *pajuela de oro* grains of gold
pala *nf* shovel | [Méx] treading of *torta* by foot in the *patio* process of amalgamation of silver ores | *p. de turbero* peat cutter
palacra or palacrana *nf* nugget of native gold | gold ingot
paladio *nm* palladium
paladioarseniuro *nm* palladioarsenide
paladiobismutoarseniuro *nm*
palladiobismutharsenide
palagonización *nf* palagonization
palaita *nf* hureaulite
palasita *nf* pallasite
palasomo *nm* palosome
palatiense *adj* Palatinian, Pfalzian
paleador *nm* shoveller
paleaduro *nm* shovelling
paleaje *nm* shovelling
pear *vtr* to shovel
paleoacuífero *nm* paleoaquifer

paleoambiente *nm* paleoenvironment
paleoautoctono *nm* paleoautochthon
paleobatimétrico,-ca *adj* paleobathymetric
paleobotánica *nf* paleobotany
paleocanal *nm* paleochannel
paleocarst *nm* paleokarst
paleocénico,-ca *adj* Paleocene
paleoceno,-na *adj* Paleocene | *nm* Paleocene
paleoclima *nm* paleoclimate
paleoclimático,-ca *adj* paleoclimatic
paleoclimatológico,-ca *adj* paleoclimatologic
paleoclimatología *nf* paleoclimatology
paleodrenaje *nm* paleodrainage
paleoecuador *nm* paleoequator
paleofiro *nm* paleophyre (*obs*, andesite)
paleofítico,-ca *adj* paleophytological
paleofitológia *nf* paleophytology
paleógeno,-na *adj* Paleogene | *nm* Paleogene
paleogeografía *adj* paleogeography
paleogeográfico,-ca *adj* paleogeographic
paleogeológico,-ca *adj* paleogeologic
paleogeomorfología *nf* paleogeomorphology
paleohidrología *nf* paleohydrology
paleolatitudino *nm* paleolatitude
paleolimnología *nf* paleolimnology
paleolitológico,-ca *adj* paleolithologic
paleomagnético,-ca *adj* paleomagnetic
paleomagnetismo *nm* paleomagnetism
paleorelieve *nm* paleorelief
paleontología *nf* paleontology
paleontológico,-ca *adj* paleontological
paleontólogo,-ga *nm* and *nf* paleontologist
paleosalinidad *nf* paleosalinity
paleosol *nm* paleosol | hard ground
paleotectónico,-ca *adj* paleotectonic
paleotermal *adj* paleothermal
paleotermometría *nf* paleothermometry
paleotopografía *nf* paleotopography
paleoviento *nm* paleowind
paleovolcánico,-ca *adj* paleovolcanic, pre-Tertiary
paleovulcanología *nf* paleovulkanology
paleozoico,-ca *adj* Paleozoic | *nm* Paleozoic
palero *nm* shoveller
paleta *nf* small shovel | [Alicante, Sp] tool for breaking up and lifting thin layers of precipitated salt
paletapa *nf* palstage
palevento *nm* palevent
paligorskita *nf* palygorskite
palingénico,-ca *adj* palingenic

- palingénisis *nf* palingenesis
 palinología *nf* paynology
 palinspático,-ca *adj* palinspastic
 palita *nf* pallite, ferrian millesite
 palmo *nm* one quarter of a *vara*
 palse *nm* pingo
 palustre *adj* swampy
 palla *nf* a fixed amount of ore to be carried out of a mine by an *apiri* during a workshift | [Bol, Pe] hand sorted ore, hand sorting
 pallaco *nm* [Bol, Pe] a piece of ore found in tailings or waste heaps | tailings
 pallador *nm* [Bol, Pe] ore sorter
 pallaquear or pallar *vtr* to sort or pick *pallacos* from waste dumps | [Bol, Pe] to hand sort ore
 pallaqueo *nm* [Bol, Pe] hand-sorting of ore
 palliri *nm* a worker employed to sort ore (usually a woman)
 pallón *nm* assay button
 pampa *nf* pampa, a grassy plain
 panabás or panabasa *nf* [Pe] tetrahedrite, tennantite
 panal de rosa *nm* [Amazonas, Pe] gold-bearing quartz occurring in a stockwork (this ore was of less value than *nusco* as it was more difficult to extract and crush)
 pandermita *nf* priceite
 panetita *nf* panethite
 panidiomorfo,-fa *adj* idiomorphic
 panidiomorfo-granular *adj* idiomorphic
 panino *nm* [Méx] country rock (classified by miners according to strength: *p. muy blando* rock easy to work but too soft to be timbered; *p. blando* soft rock that can and must be timbered; *p. favorable* ordinary ground worked by drilling and blasting; *p. macizo* and *p. muy pacizo* rock difficult or very difficult to work) | *p. cenizo* [Guadalcázar, Méx] clay stringers and pipes resembling moist bone ash closely associated with mercury mineralization
 paniso or panizo *nm* [Bol, Pe] altered rock, gangue, gouge | [Hualgáyoc, Pe] feldspathic gangue | [Pataz, Pe] argillized feldspar rich rock associated with gold ore | [Ch, Pe] trachytic country rock | *p. ahuesado, ahumado* or *verde* [Chañarcillo, Pe] diabase sills intruding limestone
 pannoniense *adj* Pannonian
 pantalla *nf* [Bol] dike
 pantano *nm* swamp, marsh | depression where water collects
 pantanoso,-sa *adj* swampy
 papa *nm* nugget of native gold | nodule of any mineral | [Arg] nodule of ulexite found in saline marshes
 paquete *nm* complex, series | *p. de estratos* sedimentary complex | *p. de mantos* series of overthrust sheets
 parabituminoso,-sa *adj* parabituminous
 paracelsiano *nm* Paracelsian
 paraclasa *nf* fault
 paraconcordancia *nf* paraconformity
 paraconcordente *adj* paraconformable
 paracrisotil *nf* parachrysotile
 paracronología *nf* parachronology
 parada *nf* [Méx] work gang or crew, pare | *p. a la carga* crew paid by the load | *p. de busca* crew paid by proportion of ore worked | *p. de hacienda* or *de obra* crew paid by the day worked | *p. rayada* crew paid by eight hour shiftr worked
 paradiagenético,-ca *adj* paradiagenetic
 paradiscordancia *nf* paraunconformity
 paraestratigrafía *nf* parastratigraphy
 paraestratigráfico,-ca *adj* parastratigraphic
 parafina *nf* paraffin
 parafínico,-ca *adj* paraffinic
 paragenético,-ca *adj* paragenetic
 parageosinclinal *nm* parageosyncline
 paragneis *nm* paragneiss
 paragón *nm* paragon (variety of diamond)
 paralelo,-la *adj* parallel | *nm* parallel | gallery driven parallel to a main gallery
 paraliageosinclinal *nm* paraliageosyncline
 parálico,-ca *adj* paralic, marginal
 paralóctono *nm* parallochthon
 paramagnético,-ca *adj* paramagnetic
 paramagnetismo *nm* paramagnetism
 paramento *nm* face of hewn stone
 paramera *nf* desert | altiplano
 paramétrico,-ca *adj* parametric
 parámetro *nm* parameter
 paramilla *nf* [Ch] low range of mountains
 páramo *nm* altiplano
 paramorfismo *nm* paramorphism
 paramorfo *nm* paramorph
 paraóndula *nf* para-ripple
 pararizadura *nf* para-ripple
 parasítico,-ca *adj* parasitic
 paratectónico,-ca *adj* paratectonic | *nm* paratectonics, Germanotype tectonics
 paratelurita *nf* paratellurite

- paratipo** *nm* paratype
- parautóctono,-na** *adj* parautochthonous | *nm* parautochthon
- paravan** *nm* paravane
- paravolastonita** *nf* parawollastonite
- pacionero** *nm* [Méx] partner in a mining venture
- parche** *nm* patch of rock
- parchetita** *nf* parchettite (*obs*, leucite trachyandesite)
- pardo,-da** *adj* earth-colored, brown, grey
- pardo** *nm* the color of earth | [Mex] oxidized ore | *p. blanquizo* silver grey
- pardusco,-ca** *adj* earth-colorish, brownish, greyish
- pared** *nf* wall | side or wall of a vein
- paria** *nf* [Pe] cinnabar
- pariente** *adj* allied
- parogenético,-ca** *adj* parogenetic
- paroxismo** *nm* paroxysm
- paroxísimos,-ma** *adj* paroxysmal
- parragón** *nm* standard silver for assayers
- parranthina** *nf* scapolite
- parte** *nf* part, share | *p. bien mineralizada* pay shoot | *p. del propietario* landowner royalty
- participación** *nf* share, interest | *p. del concesionario* working interest
- partícula** *nf* particle | *p. alfa* alfa particle | *p. beta* beta particle | *p. gamma* gamma particle | *p. libre* free particle
- partidano** *nm* [Cartagena, Sp] miner who works iron ore to a shallow depth only
- partido** *nm* [Méx] division of ores between owners, investors, workers, etc | portion of ore paid by miners to owners or by owners to miners
- partidor** *nm* ore sorter
- partridgeita** *nf* bixbyite
- parva** *nf* charge or mixture for a smelter
- parvero** *nm* persons who mix charges for a smelting furnace
- pasadeniense** *adj* Pasadenian
- paseo de tierras** *nm* transport on the backs of laborers
- pasivo,-va** *adj* passive
- paso** *nm* pass | any underground passage, drift or gallery | linear measure equivalent to two footsteps | *p. real* main gallery
- pasta** *nf* paste | matrix, groundmass | [Bol] refractory ore | [Méx] silver ores of less than high grade | [Ozamatlan, Méx] argentite | [Guerrero, Méx, Ch] silver-rich tetrahedrite | [Zacualpan, Méx] silver-bearing pyrite | [Sinaloa, Méx] coating of ore on a rock | [Méx] amalgam of gold and silver | *p. china* silver ores in rounded pieces | *p. morada* silver ores purplish in color | *p. mantecosa* silver ores lead gray in color, considered to be of inferior quality | *p. negra* black silver ores considered to be of better quality | *p. mixta* silver bullion | *p. vitrea* glass
- pastoso** *nm* [Asientos, Méx] high grade copper ore
- pata de perro** *nf* dog leg, deviation of a well
- patente** *nf* [Bol, Ch] an annual tax on mines figured as a fixed rate per hectare or claim
- paternoita** *nf* kaliborite
- patrón** *nm* pattern, framework, as in *el patrón estructural* 'the structural pattern' | template
- pátina** *nf* patina | *p. del tiempo* weathering | *p. desértica* desert varnish
- patinación** *nf* patination
- patio** *nm* yard, court or floor used in the process of *beneficio de patio*, a cold heap amalgamation method for extracting silver from ores invented by Bartolomé de Medina at Pachuca, México in 1557 and introduced into Perú in 1574 | *p. de amalgamation* amalgamation floor
- paurocristalino,-na** *adj* paurocrystalline
- pavonado,-da** *adj* dark blue | blued, bronzed
- pavonado** *nm* [Pe] tetrahedrite, (sometimes used for tennantite, jamesonite, enargite, bournonite and other sulfarsenides and sulfantimonides of lead) | deeper, unoxidized silver ores, below the *bronces*, consisting of silver sulphides and sulphoantimonates | *p. fino* malinowskite
- pechblenda** *nf* pitchblende
- pecho de paloma** *nm* [Chacas, Pe] iron staining on the surface of coal seams
- pedernal** *nm* flint | chert | [Pe] silver ore consisting of iron oxide bearing quartzose sands
- pedimentación** *nf* pedimentation
- pedimento,-ta** *adj* pediment | *nm* pediment
- pedragal** *nm* gravel bed | stony ground | quarry
- pedregón** *nm* [Ch] boulder
- pedregoso,-sa** *adj* stony, rocky
- pedregullo** *nm* gravel | *p. de ladera* [Arg] talus
- pedrejal** *nm* quarry
- pedrera** *nf* quarry
- pedrería** *nf* precious stones

pedrero *nm* stone cutter | [Ch] stony ground
pedriscal *nm* stony or rocky ground
pedrizo,-za *adj* stony, rocky | *nf* stony or rocky ground | gravel bed | quarry
pedrosita *nf* hornblendite
pedrusco *nm* rough stone, boulder | [Méx] cobble
pegadura *nf* dirt, mud, smudge, etc., found on the walls of old mines
pegmatita *nf* pegmatite
pegmatítico,-ca *adj* pegmatitic
pegmatitización *nf* pegmatitization
pegmatoide *nm* pegmatoid
pegmatofírico,-ca *adj* granophyric
pegmatofiro *nm* granophyre
pegmatolita *nf* orthoclase
peladilla *nf* small quartz pebble
pelágico,-ca *adj* pelagic
peleano,-na *adj* Peelean
pelítico,-ca *adj* pelitic
pelitomórfico,-ca *adj* pelitomorphic
pelo *nm* opaque streak that mars gemstones | *p. de venado* [Chacas, Pe] stibnite in fine needles
pelodita *nf* pellodite, pelodite
peloide *nm* peloid
pelolítico,-ca *adj* argillaceous
peltre *nm* spelter
pella *nf* mass of native metal | amalgam produced by the *patio* process of amalgamating silver ore, well washed, squeezed and pressed into sugarloaf-shaped mounds | *p. fecal* fecal pellet | *p. natural* native amalgam
pendiente *nm* slope, declivity | grade, gradient | hanging wall, roof | pendant | *p continental* continental shelf
pendulo *nm* plum bob
peneconcordante *adj* peneconcordant
penecontemporáneo,-nea *adj* penecontemporaneous
peneplanización *nf* peneplanation
penecontemporáneo,-nea *adj* penecontemporaneos
peneplanación *nf* peneplanation
peneplanicie *nf* peneplain
penesalino,-na *adj* penesaline
penillanura *nf* peneplain
peniplanicie *nf* peneplain
peniplano *nm* peneplain
pennina *nf* penninite
penokeiense *adj* Penokean
pensylviano,-na *adj* Pennsylvanian | *nm*

Pennsylvanian
pensilvánico,-ca *adj* Pennsylvanian | *nm*
Pennsylvanian
pentahidrita *nf* pentahydrite, allenite
pentahidroborita *nf* pentahydroborite
pentano *nm* pentane
penutiense *adj* Penutian
peña *nm* boulder, rock | [Col] bed rock beneath a placer | [Col] country rock | *p. desprendida* boulder | *p. viva* stone not yet quarried | *p. hervida, caladora* or *picadora* [Col] fissured bedrock in which placer gold has accumulated | *p. mora* [Col] red granite bedrock to a placer | *p. subida* [Col] soft bedrock to a placer | *p. falsa* [Col] fragments of bedrock which, when encountered in a placer, give the appearance of having reached actual bedrock | *p. sarabiada* [Col] gneiss | *p. bobo* [Col] shaley country rock in which veins are barren
peñascl *nm* rocky ground
peñasco *nm* large rock, boulder, crag | klippe | escarpment
peñascoso,-sa *adj* rocky, craggy
peñol *nm* large rock
peñón *nm* large rock | [Huelva, Sp] iron oxide bearing jasperoid found in manganese deposits
peón *nm* common laborer | bull gang | *p. de cuadrilla* roustabout | *p. suelto* roustabout
peonaje *nm* work gang | work force (of a mine, etc.)
pepa *nf* [Ch] nugget
pepeña *nf* [Méx] hand cobbed ores | rich or smelting ore | silver-bearing galena ore | [Huitzuco, Méx] high grade mercury ore, 10 to 12% mercury | *medio p.* medium grade ore
pepenado,-da *adj* [Méx] hand cobbed
pepenador,-dora *nm/f* cobber, ore sorter
pepenar *vtr* [Méx] to hand sort ore
peperita *nf* volcanic sand
pepino *nm* karst tower
pepita *nf* nugget
peracidita *nf* silexite
peralcalino,-na *adj* peralkaline
peraluminoso,-sa *adj* peraluminous
perbituminoso,-sa *adj* perbituminous
percolación *nf* percolation
percolar *vtr* to percolate
percristalino,-na *adj* percrystalline
perderse *vpr* to become lost, pinch out, as for a vein, seam or bed
pérdida *nf* loss, generally from treatment of ores

<i>p. de lodo</i> mud losses <i>p. por absorción</i>	<i>geocrático</i> geocratic period
absorption loss	
perdido,-da <i>adj</i> lost	peripedimento <i>nm</i> peripediment
perdigón <i>nm</i> iron pellet	peritéctico,-ca <i>adj</i> peritectic, reaction
perenne <i>adj</i> perennial	perito <i>nm</i> expert appraiser skilled worker
perfeccionar <i>vtr</i> to follow up, reexamine	perknita <i>nf</i> ultramafic rock, ultramafite
perfil <i>nm</i> cross-section, side-view profile log	perla espata <i>nf</i> pearl spar
<i>p. de estratos</i> strata profile <i>p. de equilibrio</i>	perlado,-da <i>adj</i> pearly
graded profile <i>p. de perforación</i> drill log, well	perliforme <i>adj</i> bead-like
log <i>p. de pozo</i> well log <i>p. de suelo</i> soil profile	perlítico,-ca <i>adj</i> perlitic
<i>p. edáfico</i> soil profile <i>p. eléctrico</i> electric log	perlofita <i>nf</i> perloffite
<i>p. estratigráfico</i> columnar section <i>p.</i>	permeabilidad <i>nf</i> permeability
<i>gravimétrico</i> gravity profile <i>p. longitudinal</i>	permeable <i>adj</i> permeable
longitudinal profile <i>p. litológico</i> lithologic	permeación <i>nf</i> permeation
section <i>p. según muestras</i> sample profile <i>p.</i>	permeametro <i>nm</i> permeameter
<i>transversal</i> transverse profile	permiano,-na <i>adj</i> Permian <i>nm</i> Permian
perfiladora <i>nf</i> grader	pérmico,-ca <i>adj</i> Permian <i>nm</i> Permian
perfilaje <i>nm</i> logging <i>p. de activación</i> activation	permineralización <i>nf</i> permineralization
logging <i>p. de pozo</i> well-logging	permiso <i>nm</i> license lease <i>p. de cato</i>
perforabilidad <i>nf</i> drillability	exploration license <i>p. marginal</i> edge lease
perforación <i>nf</i> drill or bore hole perforation	permutación <i>nf</i> permutation
<i>p ancha</i> large hole <i>p. a núcleos</i> core drilling <i>p</i>	perovskita, perovskita, perowskita <i>adj</i>
<i>a percusión</i> percussion drilling <i>p con cable</i>	perovskite
cable drilling <i>p con diamante</i> diamond drilling	pertenencia <i>nf</i> mining claim
<i>p dirigida</i> directional drilling <i>p con extracción</i>	pétiga <i>nf</i> rod (measure of length)
<i>de testigos</i> core drilling <i>p. de disparo</i> shot hole	pertita <i>nf</i> perthite
<i>p de exploración</i> exploration drilling <i>p.</i>	pertítico,-ca <i>adj</i> perthitic
desviada deflected well <i>p. inicial</i> spudding in	pertitoide <i>adj</i> perthitoid
<i>p. por gas</i> gas drilling <i>p. por percusión</i>	pertosita <i>nf</i> perthosite (<i>obs</i> , syenite)
percussion drilling <i>p. por rotación</i> rotary	perturbación <i>nf</i> perturbation dislocation <i>p.</i>
drilling <i>p. reducida</i> slim hole <i>p. rotativa</i>	<i>de una veta</i> disruption of a vein or lode <i>p.</i>
rotary drilling <i>p. térmica</i> jet piercing	tectónica tectonic disturbance
perforado <i>nm</i> boring, drilling perforation	perturbado,-da <i>adj</i> disturbed
perforador,-dora <i>adj</i> boring, drilling <i>nf</i> borer,	pesado,-da <i>adj</i> heavy of high specific gravity
driller, drilling machine <i>p. a percusión</i>	peso <i>nm</i> weight silver coin of about 25 grams
percussion drill <i>p. con diamantes</i> diamond	[Almadén, Sp] a weight of 20 <i>arrobas</i> <i>p.</i>
drill <i>p. de diamantes</i> diamond drill <i>p. de</i>	atómico atomic weight <i>p. bruto</i> gross weight
<i>percusión</i> percussion drill <i>p. rotativa</i> rotary	<i>p. de oro</i> coin equivalent to two (silver) pesos
drill <i>nm</i> driller (person)	<i>p. específico</i> specific gravity <i>p. neto</i> net weight
perforante <i>adj</i> drilling, boring	petlanque <i>nm</i> [Méx] argentite, usually,
perforar <i>vtr</i> to drill or bore	pyargyrite in places any high-grade silver ore
perhialina <i>nf</i> perhyaline	<i>p. acerado</i> polybasite <i>p. colorado, encarnado</i>
periclasa <i>nf</i> periclase	or rojo proustite <i>p. oscuro</i> pyrargyrite <i>p.</i>
periclinal <i>adj</i> periclinal, pericline <i>nm</i> pericline	<i>negro</i> argentite
peridoto <i>nm</i> peridot, olivine	pétreo,-rea <i>adj</i> stone, of stone stony rocky,
periférico,-ca <i>adj</i> peripheral	stone-like, petrous
perigénico,-ca <i>adj</i> perigenic	petrificación <i>nf</i> petrification
perímetro <i>nm</i> perimeter <i>p. de influencia</i> area or	petrificado,-da <i>adj</i> petrified
circle of influence	petrificar <i>vtr</i> to petrify
período <i>nm</i> period <i>p. de amortización</i> pay back	petrificarse <i>vpr</i> to petrify
period <i>p. de glaciación</i> glacial period <i>p.</i>	petrífico,-ca <i>adj</i> petriferous
	petroclástico,-ca <i>adj</i> detrital

- petrofábrico,-ca** *adj* fabric | *nm* fabric,
petrofabric
- petrofísica** *nf* petrophysics
- petrogénesis** *nf* petrogenesis
- petrogenético,-ca** *adj* petrogenetic
- petrogenia** *nf* petrogenesis
- petrografía** *nf* petrography
- petrográfico,-ca** *adj* petrographic
- petrógrafo,-fa** *nm* and *f* petrographer
- petroleno** *nm* petroleum
- petróleo** *nm* petroleum | *p. bisulfuro* disulfide oil | *p. (en) bruto* or *crudo* crude oil | *p. clandestino* "hot oil" produced above allowables | *p. de base asfáltica* asphalt-base crude oil | *p. de contrabando* contraband oil | *p. del propietario* landowner's oil | | *p. humedo* wet oil | *p. lampante* paraffin oil, kerosene | *p. ligero* light oil, straw oil | *p. muerto* dead oil | *p. petratado* pretreated crude oil | *p. pobre* lean oil | *p. sintético* synthetic oil | *p. sulfuroso* sour crude oil | *p. verde* green oil
- petrolero,-ra** *adj* oil, petroleum | oil-bearing | *nm* tanker
- petrolífero,-ra** *adj* petroliferous, oil-bearing
- petrología** *nf* petrology
- petrológico,-ca** *adj* petrological
- petrolólogo,-ga** *nm* and *f* petrologist
- petromorfo** *nm* petromorph
- petroquímica** *nf* petrochemistry
- petroquímico,-ca** *adj* petrochemical
- petrosilex** *nm* flint | amausite | hornstone
- pez** *nf* tar, pitch | [Sp] isolated lens of coal | *p. mineral* asphalt
- pfalziense** *adj* Pfalzian
- piacentino,-na** *adj* Piacenzian
- piamonte** *nm* piedmont
- piamontita** *nf* piedmontite
- pica** *nf* pick
- picacho** *nm* pointed peak or summit
- picada** *nf* survey line
- picado** *nm* [Pe] surface outcropping of a vein
- picador** *nm* miner who works with a pick or hammer and gad | [Sierra Almagrera, Sp] ore-sorter
- picapedrero** *nm* stonecutter
- picaporro** *nm* pick
- picar** *utr/intr* to cut stone | to hew, work with a pick or hammer and gad | *p. un hilo* [Col] to uncover a known vein
- picnita** *nf* pycnite (*var* of topaz)
- pico** *nm* peak | pickaxe | miner's pick | [Méx] sledge hammer | *a pico* vertically
- picón de cantera** *nm* quarry pick
- picota** *nf* peak of a mountain
- picítico,-ca** *adj* picritic
- picrocromita** *nf* picrochromite, magnesiochromite
- picrofarmacolita** *nf* picropharmacolite
- picurita** *nf* pitch coal
- pie** *nm* foot (measure of length) | foot or base of a mountain | *p. de cabra* claw-end crowbar
- piedra** *nf* rock, stone | mineral | *p. acanterada* [Durango, Méx] rhyolite | *p. (de) alambre* alunite | *p. aprieta* [Méx] limestone | *p. arcilloosa* claystone | *p. arenisca* sandstone | *p. arenosa* sandstone | *p. (de) azufre* rock sulphur | *p. azul* bluestone, chalcantite | [Méx] blue limestone | [Vz] mineralized diorite wall rock to gold veins | *p. berroqueña* granite | *p. blanca* granulite | *p. bruta* [Méx] country rock, barren rock | *p. cachumba* [Cu] native calcium sulfate | *p. calamina* calamine | *p. calárea* limestone | *p. caliza* limestone | *p. canela* hessonite | *p. capilar* *var* of quartz | *p. ciega* any hard, opaque semiprecious stone | *p. conglomerada* conglomerate | *p. conglutinada* breccia | *p. córnea* hornstone, jasper | *p. de acarreo* erratic block or boulder | *p. de arena* [Col] sandstone | *p. de barilla* [Tamaulipas, Méx] limestone with clay partings | *p. de berroqueña* coarse grained granite | *p. de cal* or *de caliza* chalk, limestone | *p. de campana* phonolite | *p. de candela* flint | *p. de canelo* grossularite | *p. de cantería* [Méx, Sp] granite | *p. de canto* dressed stone | *p. de cinc* cassiterite | *p. de cruz* staurolite | *p. de chispa* flint | *p. de churumbela* [Col] decomposed felsite wall-rock to veins | *p. de escopeta* flint | *p. de frijól* [Guanajuato, Méx] red conglomerate | *p. de fuego* firestone | *p. de grano* [Méx] granite | *p. de jabón* talc | *p. de labrador* greenstone | *p. del águila* a nodular, clayey iron ore | *p. de la luna* labradorite | *p. de las amazonas* labradorite | *p. de lumbre* flint | *p. de luna* blue adularia | *p. de mano* [Méx] good specimen of ore, sometimes used for religious purposes | *p. de mobre* flint | *p. de moco* white, transparent *var* of chalcedony with dendritic staining | *p. de moler* [Col] syenite | *p. de mollejón* [Col] sandstone | *p. palo* [Ch] asbestos | *p. de pipas* meerschaum | *p. de remedar* [Guadalcázar, Méx] large fragment of granite | [San Nicolas, Méx] basalt | [Mazapil, Méx]

feldspathic porphyry | *p. de sapo mica* | *p. de sillería* dressed stone | *p. de sol* precious variety of oligoclase | *p. de toque* jasper, touchstone | *p. de yeso* rock gypsum | *p. del labrador* labradorite | *p. dura* any hard, siliceous stone | *p. en bruto* rubble stone | *p. fétida* stinkstone | *p. filtrante* porous rock | *p. fina* gemstone | *p. frailesca* [Almadén, Sp] breccia consisting of fragments of schist and serpentine cemented by dolomite and clay | *p. franca* easily worked stone | *p. guisante* pisolite | *p. hematitas* hematite | *p. hedionda* [Guadalcázar, Méx] black limestone | *p. imán* magnetite | *p. inga* pyrite | *p. jaspe* jasper | *p. labrada* dressed stone | *p. lipe* [Pe] chalcanthite | *p. litográfica* argillaceous limestone | *p. loca* meerschaum | *p. maciza* stone lacking defects | *p. marmól* marble | *p. meteórica* meteorite | *p. mineral* ore | *p. molar* sandstone used for millstones | *p. moleña* burstone | *p. mora* [Guadalcázar, Méx] diorite | *p. nefrítica* jade | *p. negra* [Vz] greenish gray feldstone | *p. ollar* serpentine | steatite | *p. oniquina* onyx | *p. ovar* oolite | *p. palo* [La Serena, Ch] asbestos | *p. para* brownstone | *p. parda* manganese oxides | *p. partida* broken stone | *p. pez* pitchstone, retinite | *p. picada* crushed or broken stone | *p. pómez* pumicestone | *p. preciosa* gemstone | *p. radiante* actinolite | *p. rodada* boulder, cobble, pebble | *p. sarabeada* or *sarabiada* [Col] decomposed granite or gneiss | *p. sonora* phonolite | *p. tosca* pumice stone, pumice | *p. verde* green stone | *p. viva* very hard stone, ledge rock | *piedras de acarreo* glacial erratics | *p.-bola* [Méx] boulder
piemontita *nf* piemontite, manganese epidote
piezoclasa *nf* compression joint
piezocristilización *nf* piezocrystallization
piezoelectricidad *nf* piezoelectricity
piezoeléctrico,-ca *adj* piezoelectric
piezogeno,-na *adj* piezogene
piezomagnetismo *nm* piezomagnetism
piezométrico,-ca *adj* equipotential, piezometric
pila *nf* basin, trough, tank or vessel | pothole | evaporation tank in salt works | [Col] pit dug on a river bank used to wash placer ore | *p. de mineral* heap of ore
pilar *nm* pillar | *p. de tierra* pinnacle | *p. tectónico* horst
pilita *nf* pilite (actinolite pseudomorphous after olivine) | tinder ore

pilón *nm* stone trough
pilotaxítico,-ca *adj* pilotaxitic, felty
pinacoide *adj* pinacoidal | *nm* pinacoid
pináculo *nm* pinnacle
pinado,-da *adj* pinnate
pingo *nm* a drill hole terminated short of its objective
pinguita *nf* nontronite
pinta *nf* [Méx] the appearance of an ore which discloses its tenor according to its color, grain, weight and other physical properties | [Ch] silver ore assaying better than 50 *diezmilésimos* | [Vz] gold placer | color or gold seen on washing gravel in a pan | *p. azul* [Pachuca, Méx] silver sulfide ore | *p. de metal* indications of ore
pintar *vintr* to exhibit indications of ore
pínula *nf* sight of a surveying instrument
pinza *nf* fishing tool used for extracting objects that have fallen down a drillhole
piña *nf* cone-shaped ingot of refined silver | [Ch, Pe, Bol] bullion
piocha *nf* pick
piotina *nf* saponite
pipa *nf* pipe
pique *nm* bottom or ground | [Bol, Ch, Pe] shaft | *a pique* [Méx] vertically | *p. maestro* [Ch] main shaft
piquero *nm* miner
piqueta *nf* mattox, pickaxe | *p. con cabeza* poll-pick
piquetero *nm* boy who carries picks to workers in a mine
piquetilla *nf* gad | small pickaxe
pir *nm* [Ch] lead amalgam
piralmandita *nf* pyralmandite
piralspita *nf* pyralspite
pirámirade *nm* pyramid
pirargirita *nf* pyrargyrite
pireneita *nf* melanite
pirex *nm* pyrex
piriforme *adj* pear-shaped
pirita *nf* pyrite | sulfides (in general) | *p. arsenical* arsenopyrite | *p. blanca* marcasite | *p. capilar* millerite | *p. cobriza* chalcopyrite | *p. común* pyrite | *p. de azufre* iron pyrite | *p. de carbón* pyrite found in coal seams, "scud" | *p. de cobalto* linnaeite | *p. de cobre* chalcopyrite | *p. de cresta de gallo* marcasite | *p. de estano* stannite | *p. de fierro* or *hierro* iron pyrite | *p. de manganeso* hauerite | *p. ferroniquelífera*

pentlandite <i>p. magnética</i> pyrrhotite <i>p. marcial</i> iron pyrite <i>p. prismática</i> marcasite <i>p. radianite</i> pyrite, firestone <i>p. roja</i> niccolite <i>p. sana</i> [Ch] unaltered pyrite	piso <i>nm</i> stage floor or level bottom level in a mine footwall <i>p. estructural</i> structural stage
pirítico,-ca <i>adj</i> pyritic	pisolita <i>nf</i> pisolite pisolith <i>p. volcánica</i> volcanic pisolith
piritización <i>nf</i> pyritization	pisolítico,-ca <i>adj</i> pisolithic
piritizar <i>vtr</i> to pyritize	pisones <i>nmpl</i> [Bol] stamps (in a stamp mill)
piritoedro <i>nm</i> pyritohedron	piticita <i>nf</i> pittcite
piritoso,-sa <i>adj</i> pyrite-bearing	pivote <i>nm</i> stock
piroaurita <i>nf</i> pyroaurite	pizarra <i>nf</i> slate schist <i>p. arcillosa</i> argillaceous slate or schist [Sp] shale <i>p. arenosa</i> sandy schist <i>p. astilloso</i> splintered slate <i>p. azul</i> [Cartagena, Sp] slate stained by iron silicate <i>p. bituminosa</i> bituminous slate <i>p. carbonífera</i> coaly shale <i>p. clorítica</i> chloritic schist <i>p. cristalina</i> schist <i>p. de talco</i> talc schist <i>p. de tejar</i> roofing slate <i>p. en gavillas</i> cordierite schist <i>p. fétida</i> bituminous slate <i>p. gredosa</i> clay slate <i>p. marcellus</i> marcellus shale <i>p. micácea</i> mica schist <i>p. ojosa</i> augen schist
pirobelonita <i>nf</i> pyrobelonite	pizarral <i>nm</i> slate quarry
pirobitumen <i>nm</i> pyrobitumen	pizarreño,-ña <i>adj</i> slatey with or having slaty cleavage
piroclástico,-ca <i>adj</i> pyroclastic	pizarería <i>nf</i> slate quarry
pirocloro <i>nm</i> pyrochlor	pizarrosidad <i>nf</i> schistosity slaty cleavage
pirochroita <i>nf</i> pyrochroite	pizarroso,-sa <i>adj</i> slatey
pirofana <i>nf</i> pyrophane, fire opal	placa <i>nf</i> plate slab <i>p. litosférica</i> lithospheric plate
pirofanita <i>nf</i> pyrophanite	placer <i>nm</i> placer <i>p. aurífero</i> gold-bearing placer <i>p. de costa marina</i> beach placer <i>p. metalífero</i> ore-bearing placer
pirofilita <i>nf</i> pyrophyllite	plagioclasa <i>nf</i> plagioclase
pirogénesis <i>nf</i> pyrogenesis	plagioclasita <i>nf</i> anorthosite
pirógeno,-na <i>adj</i> pyrogenic pyrogenetic	plaisanciano,-na <i>adj</i> Plaisancian
pirolita <i>nf</i> pyrolite	plaisaniense <i>adj</i> Plaisancian
pirolusita <i>nf</i> pyrolusite	plan <i>nm</i> program bottom level in a mine
piromagma <i>nf</i> pyromagma	planación <i>nf</i> planation
piromelana <i>nf</i> brookite	plancton <i>nm</i> plankton
piromerida <i>nf</i> pyromeride (<i>obs</i> , nodular rhyolite)	plancha <i>nf</i> plate or sheet of native metal
pirometamorfismo <i>nm</i> pyrometamorphism	plancheta <i>nf</i> plane-table
pirometasómatico,-ca <i>adj</i> pyrometasomatic	planear <i>vtr</i> [Méx] to extract gold in fissures in bedrock beneath placers
pirometasomatismo <i>nm</i> pyrometasomatism	planicie <i>nm</i> plane [geomorph] sides of a saddle <i>p. de abrasión</i> denudation plane <i>p. troncal</i> peneplain
pirometría <i>nf</i> pyrometry	planificación <i>nf</i> planning
pirométró <i>nm</i> pyrometer	planimetría <i>nf</i> planimetry
piromorfita <i>nf</i> pyromorphite	planimétrico,-ca <i>adj</i> planimetric
pironafta <i>nf</i> pyronaphtha	planimétró <i>nm</i> planimeter
piropisita <i>nf</i> pyropissite	plano <i>nm</i> map, plan plane <i>p. axil</i> axial plane <i>p. de clivaje</i> cleavage plane <i>p. de crucero</i> cleavage plane <i>p. de ensayos</i> assay map <i>p. de</i>
piropo <i>nm</i> pyrope	
pioretinita <i>nf</i> pyroretinite	
pirosfero <i>nm</i> pyrosphere	
pirosmalita <i>nf</i> pyrosmalite	
pirostibina <i>nf</i> kermesite	
pirostilpnita <i>nf</i> pyrostilpnite	
piroxena <i>nf</i> pyroxene	
piroxenita <i>nf</i> piroxenite	
piroxeno <i>nm</i> pyroxene	
piroxenoide <i>nm</i> piroxenoid	
piroxferroita <i>nf</i> pyroxferroite	
piroxmangita <i>nf</i> pyroxmangite	
pirquín <i>nm</i> [Bol, Ch] contract mining	
pirquinero <i>nm</i> [Bol, Ch] contract or tribute miner, tributor	
pirrotina <i>nf</i> pyrrhotite	
pisar <i>vintr</i> to dip	

- estratificación** bedding plane | *p. de falla* fault plane | *p. de fractura* fracture plane | *p. de junta* joint plane | *p. de nivel* datum | *p. de referencia* datum plane | *p. de resbalamiento* slickenside, fault plane | *p. de simetría* | *p. reticular*
- planofírico,-ca** adj planophyric (obs)
- planta** nf floor or level | horizontal cut | map, plan | plant, factory, facility | *p. de recuperación de ácidos* acid recovery plant
- plantar** vtr to erect a mill, machinery, etc
- planteaje** nm plant, mill
- planteamiento** nm plant, mill
- plantel** nm plant, mill
- plasma** nf plasma (*var* of chalcedony)
- plasticidad** nf plasticity
- plástico,-ca** adj plastic
- plastotipo** nm plastotype
- plata** nf silver | silver ore | *p. agria* argentite, polybasite or stephanite | *p. antimonial* discrasite | *p. azul* [Tlalpujahua, Méx] aregentite [Zacatecas, Méx] silver chloride | *p. azul acercado* polybasite | *p. azul de catorce* selbite | *p. blanca* native silver | *p. blanca pardusca* argentiferous galena | *p. bruto* native silver | *p. ceniza* silver chloride | *p. color de rosa* native silver with reddish tinge | *p. córnea cerargyrite* | *p. córnea amarilla* iodyrite | *p. córnea blanca* cerargyrite | *p. córnea verde* embolite | *p. cruda* sponge silver | *p. de clavos* [Batopilas, Méx] wire silver in calcite gangue | *p. de ley* standard silver for assayers | *p. de patio* or *de pie* silver produced by the *patio* process of amalgamation | *p. dúctil* argentite | *p. en barra* silver bullion | *p. esponja* sponge silver | *p. gris* argentite | *p. labrada* wrought silver | *p. maciza* [Pe] native silver in sheets | *p. mixta* electrum | *p. nativa* native silver | *p. natural* native silver | *p. negra* argentite, stephanite | *p. negra prismática* stephanite | *p. parda* cerargyrite | *p. pella* silver amalgam | *p. roja clara* proustite | *p. roja oscura* pyrargyrite | *p. seca* silver ore which does not amalgamate with mercury | *p. sulfúrea agria* stephanite | *p. verde* embolite [Plateros, Méx] bromyrite | [Catorce, Méx] mixture of bromyrite and iodyrite | *p. virgen* native silver | *p. vítreo* argentite
- plataforma** nf platform | *p. continental* continental shelf | continental mass | *p. continental exterior* outer continental shelf | *p. costera* coastal plane | *p. cratogénica* cratogenic shelf | *p. de abrasión* wave-cut platform | *p. de perforación* drilling platform, drilling rig | *p. de producción* production platform | *p. epicontinental* continental shelf | *p. replegable* jack-up rig | *p. submarina* continental shelf
- plateado,-da** adj silvered, silver, silvery
- platillo** nm [Méx] a red earthen plate used for testing ore
- platina** nf platinum ore | crude native platinum
- platiniridio** nm platiniridium
- platinita** nf playnite
- platino** nm platinum | *p. nativo* native platinum
- plato para lavar mineral** nm gold pan
- platón** nm pan used for washing ore
- platoncito** nm small gold pan
- playa** nf beach, shore, strand | river bank | *p. alta* backshore | *p. baja* gold placer beneath the level of the adjacent stream | *p. levantada* raised beach
- playero** nm [Bol, Pe] worker employed in washing gold
- plazolita** nf hydrogrossular
- pleamar** nm high tide
- plegado,-da** adj folded | nm folding
- plegadura** nf folding
- plegamiento** nm folding | *p. cabrío* chevron folding | *p. en acordeón* accordian folding | *p. entrecruzado* cross-folding | *p. imbricado* imbricate folding | *p. verdadero* flexure, true folding
- plegar** vtr to fold
- pleistocénico,-ca** adj Pleistocene
- pleistoceno,-na** adj Pleistocene | nm Pleistocene
- plenargirita** nf matildite
- pleocristalino,-na** adj holocrystalline
- pleocroico,-ca** adj pleochroic
- pleocroísmo** nm pleochroism
- pleocroísto,-sta** adj pleochroic
- pleonasta** nf ceylonite
- plicación** nf plication
- pliegue** nm fold | *p. acostado* recumbant fold | *p. armónico* harmonic fold | *p. asimétrico* asymmetric fold | *p. buzante* dip fold | *p. cabrío* chevron fold | *p. cerrado* closed fold, isoclinal fold | *p. competente* competent fold | *p. compuesto* compound fold | *p. de arrastre* drag fold | *p. diapírico* diapir fold | *p. disarmónico* disharmonic fold | *p. echado* overfold | *p. en abanico de flujo* fan fold | *p. escanolado* en échelon fold | *p. hacia abajo* downfold | *p.*

inclinado inclined fold | *p. incompetente*
incompetent fold | *p. intraformacional*
intraformational fold | *p. invertido* overturned
fold | *p. isoclinal* isoclinal fold | *p. normal*
normal fold | *p. parado* upright fold, normal
fold | *p. recostado* recumbant fold | *p.*
recumbente recumbant fold | *p. silla* anticline |
p. simétrico symmetric fold | *p. simple* simple
fold | *p. suprateneu* supratenuous fold | *p.*
tumbado overturned fold | *p. verdadero* true
fold, flexure | *p. vertical* upright fold | *p.*
volcado overturned or inverted fold, overfold |
p. yacente recumbent fold
piensbaquiano,-na adj Pliensbachian
piensbaquense nm Pliensbachian
pliniano,-na adj Plinian
pliocénico,-ca adj Pliocene
plioceno,-na adj Pliocene | nm Pliocene
pliomagmático,-ca adj pliomagmatic
plísamiento nm microfolding
plomada nf plumb
plombagina nf graphite
plomífero,-ra adj lead-bearing, plumbiferous
plomillo nm [Méx] hematite rich tin ore
plomilloso,-sa adj lead-bearing
plomizo,-za adj leaden | *p. de acarreo* alluvial
 deposit of broken fragments of galena
plomo,-ma adj lead colored | leaden
plomo nm lead | lead ore, usually galena | *p.*
 abigarrado pyromorphite | *p. afinado* refined
 lead | *p. agrio* lead slag | *p. amarillo* wulfenite
 | *p. blanco* cerussite | *p. cárneo* fogenite | *p. de*
 obra [Méx] argentiferous lead | *p. dulce* refined
 lead | *p. negro* graphite | *p. pardo*
 pyromorphite | *p. pobre* lead poor in silver | *p.*
 rico lead rich in silver | *p. rojo* crocoite | *p.*
 ronco [Arg, Ch, Pe] compact, massive argentite
 | *p. verde* pyromorphite
plomogoma nf
plomoso,-sa adj lead-bearing
plumbagina nf graphite, plumbago
plúmbeo,-bea adj leaden
plumbogumita nf plumbogummite
plumbopirocloro nm plumbopyrochlore
plurivalencia nf polyvalence
plutón nm pluton, intrusion, intrusive | *p.*
 atectónico atectonic pluton | *p. pretectónico*
 pretectonic pluton | *p. post-tectónico* post-
 tectonic pluton | *p. sincrónico* syntectonic
 pluton | *p. sintectónico* syntectonic pluton | *p.*
 subsecuente post-tectonic pluton

plutónico,-ca adj plutonic, intrusive
plutonio nm plutonium
plutonismo nm plutonism
plutónita nf plutonist
pneumatolítico,-ca adj pneumatolytic
población nf population | *p. cerrada* closed
 population | *p. de referencia* parent population
 | *p. estable* stable population | *p. estacionaria*
 stationary population | *p. madre* parent
 population | *p. tipo* type population
poblador nm [Méx] mine foreman
poblar vtr to set miners to work in a mine
pobre adj barren, sterile, unmineralized | low
 grade
pobreza nf poverty | *p. de la mina* said when ore
 grade is low
pocero nm well sucker | shaft digger, pitman
pocillo nm small well or drill hole | pass or
 shoot in a mine
poder nm thickness | *p. calorífico* fuel ratio
podolita nf carbonate-apatite
podrido,-da adj rotten, decomposed
podrir jaguas vtr [Col] to leave ores exposed to
 the atmosphere in the hope that the sulfides
 will thus be oxidized over time
poiquilitico,-ca adj poikilitic
poiquiloblástico,-ca adj poikiloblastic
poiquilofítico,-ca adj poikilophilic
poiquilotópico,-ca adj poikilotopic
poiquilotopo nm poikilotope
polaridad nf polarity
polarimetría nf polarimetry
polarimetro nm polarimeter
polarización nf polarization
polarizado,-da adj polarized
polarizador,-dora adj polarizing | nm polarizer
polen nm pollen
polenita nf pollenate (*obs*, olivine phonolite)
poliargirita nf polyargyrite
polibasita nf polybasite
policíclico,-ca adj polycyclic
policónico,-ca adj polyconic
policraso nm polycrase
policristal nm polycrystal
polícromo,-ma adj polychrome, multicolored
policuarzo nm polyquartz
polidimita nf polydymite
poligenético,-ca adj polygenetic
poligénico,-ca adj polycyclic | polygenic
poligeosinclinal nm polygeosyncline
poligonal adj polygonal

poligonización <i>nf</i> polygonization	pontico,-ca <i>adj</i> Pontic
polígono <i>nm</i> polygon	pontiense <i>adj</i> Pontian
polihalita <i>nf</i> polyhalite	populación <i>nf</i> [stats] population
polikinemático,-ca <i>adj</i> polykinematic	poquiri <i>nm</i> Indian required to work overtime on account of not fulfilling his <i>tarea</i>
polilitarenita <i>nf</i> polylitharenite	poercelainita <i>nf</i> porcellanite mullite
polilitionita <i>nf</i> polylithionite	porcelana <i>nf</i> porcelain
polimerización <i>nf</i> polymerization	porcelanáceo,-cea <i>adj</i> porcellaneous
polimerizado,-da <i>adj</i> polymerized	porcelanita <i>nf</i> porcellanite
polimetálico,-ca <i>adj</i> polymetallic	porcentaje <i>nf</i> percentage rate ratio
polimorfismo <i>nm</i> polymetamorphism	purcentual <i>adj</i> percentage
polimignita <i>nf</i> polymignite	porfídico,-ca <i>adj</i> porphyritic
poliminerálico,-ca <i>adj</i> polyminalic	porfidita <i>nf</i> porphyry, porphyrite
polimodal <i>adj</i> polymodal	pórfito <i>nm</i> porphyry [Vz] gold-bearing jasperoid <i>p. acanterado</i> [Méx] rhyolite
polimorfía <i>nf</i> polymorphism	porphyry <i>p. cuarcífero</i> quartz porphyry <i>p. feldesático</i> feldspar porphyry <i>p. granítico</i> granite porphyry <i>p. metalífero</i> [Pachuca and Real del Monte, Méx] porphyritic pyroxene andesite host rock <i>p. negro</i> [Almadén, Sp] melaphyre <i>p. traquito</i> trachyte porphyry
polimorfismo <i>nm</i> polymorphism	porfidoblástico,-ca <i>adj</i> porphyroblastic
polimorfo,-fa <i>adj</i> polymorphic, polymorphous <i>nm</i> polymorph	porfidoblasto <i>nm</i> porphyroblast
polinigritita <i>nf</i> polynigritite	porfioclástico,-ca <i>adj</i> porphyroclastic
polisintético,-ca <i>adj</i> polysynthetic	porfiogranulítico,-ca <i>adj</i> porphyrogranulitic (obs)
politipismo <i>nm</i> polytypism	porfírico,-ca <i>adj</i> porphyritic
politipo <i>nm</i> polytype	porfirita <i>nf</i> porphyry, porphyrite
polo <i>nm</i> pole <i>p. geográfico</i> geographic pole <i>p. magnético</i> magnetic pole	pórfiro <i>nm</i> porphyry
polonio <i>nm</i> polonium	porfiro-afanítico,-ca <i>adj</i> porphyro-aphanitic
polucita <i>nf</i> pollucite	porfiroide <i>adj</i> porphyritic porphyroid <i>nm</i> porphyroid
polveo <i>nm</i> [Méx] amalgam formed by the <i>cazo</i> or caldron process composed of two parts mercury and one part silver by weight	porfirotópico,-ca <i>adj</i> porphyrotopic
polvillo <i>nm</i> fine dust tailings [Méx] rich ore <i>p. bueno</i> good ore <i>p. y jabon</i> [Guanajuato, Méx] richest ore mined yielding about 2000 ounces to the ton	porfirización <i>nf</i> [Méx] to pulverize ore
polvo <i>nm</i> dust pinch powder <i>oro en p.</i> gold dust <i>p. de carbón</i> coal dust <i>p. volcánico</i> volcanic dust	poro <i>nm</i> pore <i>p. mural</i> mural pore
polvorilla <i>nf</i> argentite polybasite [Tamaya, Ch] phillipsite-bearing copper ore [Peras, Méx] gold-bearing marcasite <i>estaño de p.</i> [Durango, Méx] friable, rhyolite hosted tin ore [Pe] stephanite (but usually used for argentite or polybasite) [Cerro de Pasco, Pe] sternbergite	porosidad <i>nf</i> porosity <i>p. efectiva</i> effective porosity <i>p. primaria</i> primary porosity <i>p. secundaria</i> secondary porosity <i>p. total</i> absolute or total porosity
pollo <i>nm</i> [Pe] small bag of rich ore given by a miner on Saturday to the mine owner	porosimetro <i>nm</i> porosimeter <i>p. de mercurio</i> mercury pump porosimeter
pomáceo,-cea <i>adj</i> pumaceous	poroso,-sa <i>adj</i> porous
pómez <i>adj</i> and <i>nm</i> pumice	porra <i>nf</i> sledge
ponce <i>nm</i> pumice	porronguito <i>nm</i> [Pe] a crude mercury measure
pongo <i>nm</i> [Pe, Ec] worker employed to maintain underground workings canyon, gorge	portal <i>nm</i> rock arch, natural arch
pontiano,-na <i>adj</i> Pontian	portlandiano,-na <i>adj</i> Portlandian
	portlandiense <i>adj</i> Portlandian
	portón de glaciar <i>nm</i> glacial outlet
	poruña <i>nf</i> [Arg, Ch] pan used to wash gold
	posglacial <i>adj</i> Holocene postglacial
	poskinemático,-ca <i>adj</i> posttectonic

posmagma <i>tico,-ca</i> <i>adh</i> postmagmatic	well <i>p. subyacente</i> well cutting accross several pools
posmineral <i>adj</i> postmineral	pozolano,-na <i>adj</i> pozzolan
posobsecuente <i>adj</i> postobsequent	praseodimio <i>nm</i> praseodymium
posorogénico,-ca <i>adj</i> postorogenic	prasio <i>nm</i> green variety of quartz, prase
pospaís <i>nm</i> hinterland	prasópal <i>nm</i> prasopal
postarrecife <i>adj</i> back reef	prasma <i>nf</i> dark green variety of agate
postectónico,-ca <i>adj</i> posttectonic	praetigliense <i>adj</i> Praetiglian
post-litoral <i>adj</i> backshore	prealpino,-na <i>adj</i> prealpine
postura <i>nf</i> [Pe] separation of silver from amalgam by distillation	precambriano,-na <i>adj</i> Precambrian
potamógeno,-na <i>adj</i> potamic	precámbrico,-ca <i>adj</i> Precambrian
potamología <i>nf</i> potamology	precio <i>nm</i> price <i>p. de referencia</i> posted price <i>p. de refinería</i> refinery price, rack price <i>p. oficial</i> posted selling price
potasa <i>adj</i> potash <i>nf</i> potash	precioso,-sa <i>adj</i> precious
potásico,-ca <i>adj</i> potassic	precipicio <i>nm</i> precipice, cliff
potasio <i>nm</i> potassium <i>p.-argon</i> K-Ar <i>p.-calcio</i> K-Ca	precipitación <i>nf</i> precipitation
potencia <i>nf</i> thickness power strength (of a vein) <i>p. de una prueba</i> power of a test <i>p. nuclear</i> nuclear power	precipitado,-da <i>adj</i> precipitated
potencial <i>adj</i> potential <i>nm</i> potential <i>p. espontaneo</i> spontaneous potential <i>p. nominal</i> rated potential, rated production capacity <i>p. zeta</i> zeta potential	precipitar <i>vtr</i> precipitate
potenciométrico,-ca <i>adj</i> potentiometric	preconsolidación <i>nf</i> preconsolidation
potsdamiano,-na <i>adj</i> Potsdamian	precursor <i>nm</i> preliminary seismic wave
potsdamiense <i>adj</i> Potsdamian	predazita <i>nf</i> predazzite
pottsville <i>nse</i> <i>adj</i> Pottsvilleian	prediagenesis <i>nf</i> prediogenesis
poza <i>nf</i> [Sandia, Pe] potholes in bedrock of placer gold deposits	predio minero <i>nm</i> mining property
pozaco <i>nm</i> [Cartagena, Sp] winze	prefosa <i>nf</i> foredeep
pozo <i>nm</i> well, drill hole shaft, pit <i>p. abandonado</i> abandoned well <i>p. artesiano</i> artesian well <i>p. cárstico</i> yama <i>p. cerrado</i> close in well <i>p. de alivio</i> relief well <i>p. de avancada</i> step-out well <i>p. de coyote</i> natural water hole <i>p. de desarrollo</i> development well <i>p. de descarga</i> disposal well <i>p. de descubrimiento</i> discovery well <i>p. de mina</i> shaft <i>p. de servicio</i> service well <i>p. direccional</i> directed well, slant well <i>p. dirigido</i> directed well, slant hole <i>p. excavado</i> dug well <i>p. exploratorio</i> exploratory or wildcat well <i>p. eruptivo</i> gusher <i>p. improductivo</i> dry well, "duster" <i>p. inyector</i> injection well <i>p. lateral</i> flank well <i>p. marginal</i> marginal well <i>p. muerto</i> dead well (must be pumped to produce) <i>p. obligatorio</i> obligation well <i>p. parado</i> shut in well <i>p. pobre</i> stripper well <i>p. salado</i> salted well <i>p. seco</i> dry hole <i>p. sin control</i> wild well, well out of control <i>p. sin consentimiento de una parte</i> non consent well <i>p. sin entubar</i> open	presentación <i>nf</i> presentation
	presentarse <i>vpr</i> to occur, be found, eg <i>las rocas siluricas se presentan cerca de la mina</i> 'Silurian rocks occur adjacent to the mine'
	preserver <i>vtr</i> to preserve
	presión <i>nf</i> pressure drive (in an oil or gas pool) <i>p. absoluta</i> absolute pressure <i>p. atmosférica</i> atmospheric pressure <i>p. cerrada</i> closed pressure <i>p. de flujo</i> fluid pressure, flowing pressure <i>p. dirigida</i> directed pressure <i>p. efectiva</i> working pressure <i>p. estática</i> static pressure <i>p. hidrostática</i> hydrostatic pressure <i>a presión</i> under pressure
	presupuesto <i>nm</i> cost estimate
	pretectónico,-ca <i>adj</i> pretectonic
	pretil <i>nm</i> [Vz] cliff
	pretratamiento <i>nm</i> pretreatment
	previtriano <i>nm</i> previtrian
	priaboniano,-na <i>adj</i> Priabonian

prieto,-ta <i>adj</i> blackish, black, very dark rebellious, refractory (ores)	an irregular deposit or mass <i>p. fangoso</i> mud-lump
prima <i>nf</i> bonus <i>p. de petróleo</i> oil bonus	propano <i>nm</i> propane
primario,-ria <i>adj</i> primary <i>nm</i> Paleozoic	propilita <i>nf</i> propylite (<i>obs porphyritic</i> andesite)
primordial <i>adj</i> primordial, essential	propilitización <i>nf</i> propylitization
prisma <i>nm</i> prism	proporción <i>nf</i> proportion ratio
prismático,-ca <i>adj</i> prismatic	proporcional <i>adj</i> proportional
prismoide <i>afj</i> prismoidal <i>nm</i> prismoid	prorrateo <i>nm</i> proration
probabilidad <i>nf</i> probability <i>p. compuesto</i>	prospección <i>nf</i> prospecting <i>p. geofísica</i>
compound probability <i>p. condicional</i>	geophysical prospecting <i>p. geoquímica</i>
conditional probability <i>p. total</i> total	geochemical prospecting
probability	proterozoico,-ca <i>adj</i> Proterozoic <i>nm</i>
probado,-da <i>adj</i> proven, proved	Proterozoic
procedimiento <i>nm</i> process (industrial or	protoclástico,-ca <i>adj</i> protoclastic
chemical)	protocuarzita <i>nf</i> protoquartzite
proceso <i>nm</i> process processing <i>p. aleatorio</i>	protogénico,-ca <i>adj</i> protogenic
random process <i>p. armónico</i> random process	protomatríz <i>nf</i> protomatrix
<i>p. autoregresivo</i> autoregressive process <i>p. de</i>	protomena <i>nf</i> protore
Markov Markov process <i>p. discreto</i> discrete	protomilonita <i>nf</i> protomylonite
process <i>p. estacionario</i> stationary process <i>p.</i>	protrusivo,-va <i>adj</i> protrusive
homogéneo homogenous process <i>p. numérico</i>	provincia <i>nf</i> province <i>p. metalógénica</i>
numeric process	metallogenic province <i>p. petrográfica</i>
prochlorita <i>nf</i> ripidolite	petrographic province
producción <i>nf</i> production <i>p. anual</i> annual	provitriano <i>nm</i> provitrian
production <i>p. de un pozo</i> yield of a well <i>p.</i>	próximo,-ma <i>adj</i> near, close nearby, proximal
<i>del yacimiento</i> field or pool potential <i>p. diario</i>	next
daily production <i>p. mensual</i> monthly	proyección <i>nf</i> projection <i>p. cristalina</i> crystal
production <i>p. permisible</i> allowable production	projection <i>p. Lambert</i> Lambert projection <i>p.</i>
<i>p. permitida</i> allowable production <i>p.</i>	<i>Mercator</i> Mercator projection <i>p. policonica</i>
potencial draw down potential <i>p. rápida</i>	polyconic projection
gutting of a well <i>p. real</i> actual production <i>p.</i>	proyectar <i>vtr</i> to project
regulada ratable take <i>p. suplementaria</i> bonus	proyectil <i>nm</i> projectile <i>p. volcánico</i> volcanic
allowable	bomb, volcanic ejecta
producir <i>vtr</i> to produce	proyecto <i>nm</i> project plan, design draft
productivo,-va <i>adj</i> productive producing	prueba <i>nf</i> test preprint <i>p. bilateral</i> two-sided
producto <i>nm</i> product, return, yield material	test <i>p. de asfalto</i> tar test <i>p. de caída</i> shatter
product (result of an industrial or chemical	test <i>p. de calcinación</i> char test <i>p. de choque</i>
process) <i>p. blanco</i> white hydrocarbon	izod test <i>p. de elutriación</i> elutriation test <i>p. de</i>
products (gasoline, kerosene etc) <i>p. de</i>	<i>goma</i> gum test <i>p. de hipótesis</i> hypothesis test
<i>erupción</i> eruptive material <i>p. negro</i> black	<i>p. de homegeidad</i> test of homogeneity <i>p. de</i>
hydrocarbon product (diesel, etc)	<i>independencia</i> test of independence <i>p. de ji</i>
productor <i>nm</i> producer <i>p. independiente</i>	<i>cuadrado</i> chi-squared test <i>p. de Kolmogorov-</i>
independent producer	<i>Smirnov</i> Kolmogorov-Smirnoff test <i>p. de razón</i>
profundidad <i>nf</i> depth footage (of a well)	<i>de versimilitud</i> likelihood ratio test <i>p. de</i>
[Almadén, Sp] winze	<i>resistencia</i> drop test <i>p. de significación</i> test of
profundizar <i>vtr</i> to sink or deepen	significance <i>p. de student</i> student t test <i>p.</i>
profundo,-da <i>adj</i> deep <i>poco p.</i> shallow	<i>robusto</i> robust test <i>p. sin sesgo</i> unbiased test
progradación <i>nf</i> progradation	<i>p. unilateral</i> one-sided test
promedio <i>nm</i> average middle	psamita <i>nf</i> psammite
prometeo,-tea <i>adj</i> promethium	psaturosa <i>nf</i> stephanite [Pe] polybasite
promontorio <i>nm</i> promontory, headland [Méx]	psefita <i>nf</i> rudite, psephite

pseudobrecha <i>nf</i> pseudobreccia	a particular mine
pseudocirco <i>nm</i> pseudocirque	puntero <i>nm</i> stonemason's chisel
pseudoclorita <i>nf</i> swelling chlorite septchlorite pseudochlorite	punterola <i>nf</i> small pick
pseudocrisolita <i>nf</i> pseudochrysotile	puntiagudo,-da <i>adj</i> pointed
pseudocristal <i>nm</i> pseudocrystal	puntista <i>nf</i> [Méx] miner who knocks down
pseudodifusión <i>nf</i> pseudo-diffusion	loose rock from a working face preparing the
pseudofalla <i>nf</i> pseudofault	way for the next shift
pseudomalaquita <i>nf</i> pseudomalachite	punto <i>nm</i> point <i>p. de burbuja</i> or <i>burbujeo</i>
pseudomatriz <i>nf</i> pseudomatrix	bubble point pressure <i>p. de concensación</i>
pseudomontaña <i>nf</i> pseudomountain	condensation point <i>p. de ebullición</i> boiling
pseudomórfico,-ca <i>adj</i> pseudomorphous	point <i>p. de fluidez</i> pour point <i>p. de imagen</i>
pseudomorfismo <i>nm</i> pseudomorphism	image point <i>p. de inflamación</i> flash point <i>p.</i>
pseudomorfo <i>nm</i> pseudomorph	<i>de marca</i> [surv] station <i>p. de niebla</i> cloud point
pseudonódulo <i>nm</i> pseudonodule	<i>p. de partida</i> point of discovery of a vein, from
pseudoporfírico,-ca <i>adj</i> pseudoporphyritic	which claim boundaries are measured <i>p. de</i>
pseudorutilo <i>nm</i> pseudorutile	<i>referencia</i> reference point <i>p. de rocio</i> dew
pseudosimetría <i>nf</i> pseudosymmetry	point <i>p. muerto</i> break even point <i>p. nulo</i> null
pseudovolcán <i>nm</i> pseudovolcano	point
pseudowavelita <i>nf</i> crandallite	puntoagudo,-da <i>adj</i> taper pointed
psitacinita <i>nf</i> mottramite	puntual <i>adj</i> point
pteroceriano,-na <i>adj</i> Pterocerian	punzón <i>adj</i> flame red
pteroceriense <i>adj</i> Pterocerian	puquio <i>nm</i> [Ch, Pe] spring [Pe] narrow
pucha <i>nf</i> [Col] one sixteenth of an <i>almud</i>	galleries driven by Indians or Jesuits to reach
pudinga <i>nf</i> conglomerate	water-bearing strata a natural outlet of
pudrir jaguas <i>vtr</i> [Col] to leave ores exposed to	groundwater from gently dipping stata
the atmosphere in the hope that the sulfides	
will thus be oxidized over time	
puerciense <i>adj</i> Puercan	purbeckiano,-na <i>adj</i> Purbeckian
puente <i>nm</i> bridge plugging of a well head	purbeckiense <i>adj</i> Purbeckian
frame of a mule whim pillar (of ore in a	pureza <i>nf</i> purity
mine) <i>p. natural</i> natural bridge, arch	purga <i>nf</i> [Cartagena, Sp] charge of slag added
puerta <i>nf</i> door, passage [Méx] hard rock or	after a charge of ore to clean out a lead
boulders that conceal a vein	smelting furnace
puerto <i>nm</i> pass, gap	purgar <i>vtr</i> to bleed off <i>p. un pozo</i> to blow a
puesta en producción <i>nf</i> bringing in a well	well
pulgada <i>nf</i> inch pinch <i>p. de minero</i> miner's	puro,-ra <i>adj</i> pure, refined native
inch <i>p. de oro en polvo</i> pinch of gold dust	puro plateado <i>nm</i> [Pe] exceptionally high
pulimentación <i>nf</i> polishing (by wind or	grade copper ore, essentially pure copper
glaciers)	mineral
pulimento <i>nm</i> polish <i>p. eólico</i> desert polish <i>p.</i>	purpúreo,-rea <i>adj</i> purple
glaciar	purpurino,-na <i>adj</i> purple
pulperia <i>nf</i> company store at a mine	puruña <i>nf</i> long trough for vanning silver
pulsación <i>nf</i> [strat, tect] pulsation	amalgam [Pe] earthenware or wood disk
pumita <i>nf</i> pumice	used to test ore in the <i>patio</i> process of
pumpeliita <i>nf</i> pumpellyite	amalgamating silver ores
punta <i>nf</i> source point sharp end of a tool or	puzol <i>nm</i> pozzolana
instrument work shift and hence, by	puzolana <i>nf</i> pozzolana
extension, one-third of the <i>mitayos</i> assigned to	puzolánico,-ca <i>adj</i> pozzolan

Q

quebrada *nf* fissure or break in a rock | narrow pass | ravine, gorge, gully, draw, small valley | stream, brook | broken, uneven ground

quebradizo,-za *adj* brittle, friable

quebrado,-da *adj* broken, rough, uneven | bankrupt | *nm* fraction | [Cu] channel between reefs

quebrador *nm* crusher | [Méx] ore breaker, ore cobber

quebradura *nf* fracture, break | crack, fissure | ravine | crushing | *q. de cizalladura* shear joint

quebrantador,-dora *adj* crushing | *nm* stone crusher or breaker | tool used for breaking stone

quebradora *nf* crusher | *q. de carbón* coal breaker | *q. de cono* cone crusher | *q. de mandíbula* jaw crusher | *q. de quijadas* jaw crusher | *q. giratoria* gyratory crusher

quebraja *nf* break, crack

quebrajar *vtr* to crack, split

quebrantable *adj* brittle

quebrantamiento *nm* breaking, breaking up, breakage, shattering

quebrantar *vtr* to break | to crush | to split | to crack | to spall

quebrantarse *vpr* to break, crack, split

quebrantador *nm* stone crusher or breaker | tool used for breaking stone

quebrantura *nf* ravine

quebrar *vtr* to break | to cob ore | *vintr* to break

quebrarse *vpr* to break, be broken

quebrazón de veta *nm* [Méx] break in a vein

quedada *nf* [Bol] voluntary overtime by contract workers

quedar determinado *vtr* delineated in space

queenstownita *nf* Darwin glass

quelidonia *nf* chelidon

quelonita *nf* pyrite or marcasite with a shape that resembles a tortoise shell

quema *nf* retorting of amalgam | burning, roasting | [Méx] roasting of ore in the *patio* process of amalgamation of silver ore | [Guadalcazár, Méx] calcining of mercury ore in clay retorts

quemadero *nm* [Méx] retort used to recover mercury from amalgam in the *patio* process of amalgamating silver ores

quemado,-da *adj* porcellaneous | *nm* porcellanite | gossan having a burnt appearance | [Méx] manganese oxide staining | any dark, cindery mineral staining that looks similar to manganese oxide

quemador *nm* [Guadalcázar, Méx] calciner of mercury ores

quemahlita *nf* kemahlite (*obs*, pseudoleucitic micromonzonite)

quemar *vtr* to roast or calcine ore | to retort amalgam | *q. piedra* to heat a rock and then break it by plunging in cold water

quemazón *nm* outcrop | [Pachuca, Méx] silver ore in which native silver and silver chlorides are found in a matrix of manganese oxides

queme *nm* retorting of amalgam or mercury ore | [Méx] roasting of ore in the *patio* process of amalgamation of silver ore

quenita *nf* kenyte (*obs*, olivine phonolitic trachyte)

quentalenita *nf* kentallenite (*obs*, augite-olivine monzonite)

queramiquita *nf* keramikite (*obs*, cordierite hyalorhyolite)

queramohalita *nf* alunogen

querargira *nf* cerargyrite

querargirita *nf* cerargyrite

queratófido *nm* keratophyre | *q. cuarcífero* quartz keratophyre

queratófiro *nm* keratophyre

queratoporfirita *nf* keratophyre | *q. cuarzosa* quartz keratophyre

quercyita *nf* carbonate-hydroxylapatite

quermesita *nf* kermesite

querogeno *nm* kerogen

querol *nm* kerol

querosene *nm* kerosene

queroseno *nm* kerosene

queroteno *nm* kerotene

quersantita *nf* kersantite

Quersoneso *nm* Kertch

quesenita *nf* kåsenite (*obs*, pyroxene nepheline carbonatite)

quesilita *nf* azurite

queso *nm* [Méx] small cake of silver resulting from roasting of silver sulfides with litharge in a small clay furnace or *vaso* | [Cerro de Pasco, Pe] pressed cake of amalgam

quespi *nm* [Pe] quartz

quetenita *nf* botryogen

quetzalcoatlita *nf* quetzalcoatlite

quetzalztlí *nm* [Méx] translucent green variety
 of jade
quevellita *nf* kveillite (*obs*, ultrabasite)
quiastolita *nf* chiastolite
quiebra *nf* fault, fracture, break, fissure |
 breaking or crushing of ore | bankruptcy,
 failure
quieselgur *nm* kieselguhr
quijo *nm* gangue or matrix, generally quartzose
 | gold- or silver-bearing quartz | *q. azucarado*.
 [Hualgáyoc, Pe] very finely crystalline, sugary
 quartz | *q. de hierro gossan* | *q. podrido* [Pe]
 porous quartz often containing gold
quilatador *nm* assayer (of gold or silver)
quilatar *vtr* to assay (gold or silver)
quilate *nm* carat | a weight of 4 *granos*, the third
 part of a *tomin* | *oro de 18 quilates* 18 carat gold
quilaveita *nf* kilaueite (*obs*, olivine-magnetite
 basalt)
quilita *nf* kylite (*obs*, olivine theralite)
quilo *nm* kilo, kilogram
quilogramo *nm* kilogram
quilolino *nm* kiloline
quilómetro *nm* kilometer
quillo *nm* [Pe] pyrite
quimbalete *nm* [Pe] large stone used in hand
 grinding of ore
quimberlita *nf* kimberlite
química *nf* chemistry | chemist | *q. geológica*
 geochemistry | *q. inorgánica* inorganic
 chemistry | *q. mineral* inorganic chemistry | *q.*
orgánica organic chemistry
químico,-ca *adj* chemical | *nm* chemical | *q.*
geológico geochemist
quimismo *nm* chemism

quincita *nf* quincite (pink sepiolite) | **quinzite**
 (rose-colored common opal)
quine *nm* Kinne diabase (*obs*, olivine diabase)
quintal *nm* hundredweight | a weight
 equivalent to 4 *arrobas* | fifth part of 100 |
 [Almadén, Sp] weight of ore found in an
 ordinary *espuerta terrera* | *q. métrico* 100
 kilograms
quintalaje *nm* [Ch] weight in quintals
quintear *vtr* [Bol] to sort or cob ore by hand
quiroguita *nf* [Sierra Almagrera, Sp] antimonial
 galena
quirunavaarita *nf* magnetinite
quiselgur *nm* kieselguhr
quisqueíta *nf* [Quisque, Pe] quisqueite (*var*
 asphaltite)
quitar *vtr* to remove | to take away | to extract,
 separate | *q. el mineral* remove or extract ore |
q. las impurezas a un mineral separate waste
 from ore, concentrate ore
quitarse *vpr* to be removed, taken away,
 extracted, separated
quinto *nm* fifth | [Linares, Sp] one lead-
 smelting operation of a *boliche* furnace
quinto real *nm* old Spanish colonial tax on
 mines originally set at a fifth or 20 percent, but
 later reduced
quitina *nf* chitin
quitinoso,-sa *adj* chitinous
quitón *nm* chiton
quitzalitztli *nm* [Méx] a green, translucent jade
quivita *nf* kivite (*obs*, olivine-leucite basanite)

R

rabdomancia *nf* rhabdomancy, dowsing
rabión *nm* rapids | riffle
rabos *nmpl* [Antioqua, Col] silver-rich slimes from the final (third) settling-vat used for the treatment of tailings
radiación *nf* radiation | *r. de fondo* background radiation | *r. gamma* gamma radiation
radiactividad *nf* radioactivity
radioactivo,-va *adj* radioactive
radiado,-da *adj* radiate
radial *adj* radial
radioactivación *nf* radioactivation
radioactividad *nf* radioactivity
radioactivo,-va *adj* radioactive.
radiocoloide *nm* radiocolloid
radiodetector *nm* water monitor (for radioactivity)
radiogénico,-ca *adj* radiogenic
radiohidrología *nf* radiohydrology
radiolario *nm* radiolarian
radiolisis *nf* radiolysis
radiolítico,-ca *adj* radiolithic
radioluminiscencia *nf* radioluminescence
radiométrico,-ca *adj* radiometric
radioquímica *nf* radiochemistry
radioquímismo *nm* radiometrics
raedera *nf* semicircular rake used for collecting ore
rafa *nf* subsidence
raíz *nm* root
raja *nf* cut | crack, split
rajado,-da *adj* split, cracked | [Bol] stoped
rajadura *nf* fissure, crack, split
rajar *vtr* to split, crack | [Bol] to extract blocked-out ore, stope
rajarse *vpr* to split, crack
rajo *nm* [Bol] block (of ore in a mine) | stope | shallow open cut | *r. abierto* glory hole | *r. al sol* glory hole
rama *nf* branch | branch vein | principal gallery in a mine
ramada *nf* branches
ramaje *nm* collection of branches
ramal *nm* secondary branch | secondary gallery in a mine | branch or offshoot of a vein
ramalearse *vpr* to split off, branch off
ramaleo *nm* [Guanajuato, Méx] irregular, twisted veins of quartz and calcite

rambla *nf* rambla, a dry ravine or bed of an ephemeral stream | sandy place | ground covered with sand after floods
rámeo *nm* [Ch] zone of disseminated copper ores that separates richer ores
ramificación *nf* division of a vein into branches
ramificado,-da *adj* branching, braided
ramificarse *vpr* to split up into or divide into branches, to branch, to feather out
ramita de filón *nf* branch or leader vein
ramito *nm* stringer
ramiza *npl* branches
ramo *nm* small branch | branch of a vein
ramosita *nf* scoria
rampa *nf* working face | ascent | [struc] ramp | slope
rampla *nf* ramp, shallow incline
ramplón,-ona *adj* upright
ramsayita *nf* lorenzenite
rancholabriense *adj* Rancholabrean
ranquilita *nf* haiweeite
ranura *nf* groove | *r. de deslizamiento* striae
raña *nf* fanglomerate | [Sp] alluvial deposits of Villafrankian age
rapasa *nf* any easily worked stone
rapidez *nf* rate | *r. de crecimiento* growth rate
rápido *nm* rapids
rasa *nf* high mountain plain | *r. costera* coastal plain
rascar *vtr* to rework the surface of an abandoned mine
rasgo *nm* characteristic, feature, trait | [Méx] length of underground workings along the strike of a vein
raspador *nm* [Méx] miner who works the surface of a vein or deposit.
raspadura *nf* streak | scrapings
raspar *vtr* to abrade | to scrape | to clean up an arrastre | [Bol] to clean up any ore remaining in old workings
raspiñar *vtr* [Bol] to clean up any ore remaining in old workings
rasposo *nm* [Comanja, Méx] native silver
rastro *nm* track, trace
ratonera *nf* [Bol] dog-hole, coyote-hole, rat-hole or any other shallow working of little consequence
rauda *nf* rapids
rauraciano,-na *adj* Rauracian
rauraciense *adj* Rauracian
rayado,-da *adj* striped, banded

rayano,-na <i>adj</i> bordering, adjacent	recolectar <i>vtr</i> to collect
rayo <i>nm</i> ray <i>r. gamma</i> gamma ray <i>r. x</i> X-ray	recompresión <i>nf</i> repressuring (an almost depleted well)
razón <i>nm</i> ratio rate <i>r. de correlación</i> correlation coefficient <i>r. de verosimilitudes</i> likelihood ratio	reconcentrado <i>nm</i> [Méx] concentrate
reacción <i>nf</i> reaction <i>r. esotérmica</i> exothermic reaction	reconcentrar <i>vtr</i> to concentrate
reaccionar <i>vintr</i> to react	recongelación <i>nf</i> refreezing
reacondicionar <i>vtr</i> to workover (a well)	reconocer <i>vtr</i> to search or explore for mineral deposits to prospect
reactivación <i>nf</i> reactivation	reconociendo <i>nm</i> prospecting, exploration
reactivo,-va <i>adj</i> reactive <i>nm</i> reagent	reconocimiento <i>nm</i> exploration, prospecting, search reconnaissance
real <i>nm</i> [Méx] mining district, traditionally consisting of at least six operating mines and four reduction works adjacent to a town governed by the appropriate civil authorities coin used in colonial Spanish America equal to 1/4 of a peseta or 25 céntimos <i>r. de fontanero</i> measure of the rate of water flow <i>r. de oro</i> [Col] a weight, equivalent to a half a <i>tomín</i> and 1/16 a <i>castellano</i>	reconsecuente <i>adj</i> reconsequent, resequent
realce <i>nm</i> any working face that is raised above haulage ways <i>r. lateral</i> overhand stoping	reconstructivo,-va <i>adj</i> reconstructive
realizar <i>vtr</i> [Bol] to classify ores prior to selective mining	recorrer <i>vtr</i> to traverse
reavance <i>nm</i> readvance	recorrimiento <i>nm</i> [surv] traversing
rebajar <i>vtr</i> to stope underhand	recorte <i>nm</i> [Bol] cross-cut
rebaje <i>nm</i> butting against cut <i>r. de cabeza</i> overhand stope <i>r. descendente</i> underhand stope	recostado,-da <i>adj</i> recumbant
rebajo <i>nm</i> [Méx] working of a mineral deposit <i>r. del cielo</i> overhand stoping <i>r. lateral</i> underhand stoping	recostar <i>vintr</i> to dip
rebanada <i>nf</i> a slice of mineral or rock	recristalización <i>nf</i> recrystallization
rebanado <i>nm</i> slicing (in mining)	rectificación <i>nf</i> rectification correction of a mining claim
rebosdadero <i>nm</i> [Ch] isolated, irregular pocket of ore [Pe] gold placer	rectilíneo,-nea <i>adj</i> rectilinear
rebotallero <i>nm</i> [Méx] person who scavenges dumps for ore	recto,-ta <i>adj</i> straight
reciente <i>adj</i> recent	recubrimiento <i>nm</i> covering
recincho <i>nm</i> [Villanueva del Río, Sevilla, Sp] pyrite-bearing, fine-grained sandstone partings found in coal beds	recuesteo <i>nm</i> inclination or dip slope
recial <i>nm</i> rapids	recumbente <i>adj</i> recumbent
reciclaje de gas <i>nm</i> cycling of gas	recuperación <i>nf</i> recovery (of ore etc.) <i>r. secundaria</i> secondary recovery
recincho <i>nm</i> [Sevilla, Sp] pyritiferous sandstone occurring in coal seams	recurso <i>nm</i> resource <i>r. no renovable</i> nonrenewable resource
recio,-ia <i>adj</i> coarse <i>nm</i> [Sierra Almagrera, Sp] highest grade ore	rechazo <i>nm</i> fault offset or displacement <i>r. horizontal</i> horizontal displacement <i>r. vertical</i> vertical displacement, throw
recobro <i>nm</i> recovery (expressed in percent)	red <i>nf</i> network, stockwork crystal structure <i>r. alveolar</i> network <i>r.atómica</i> atomic structure <i>r. cristalográfica</i> crystal structure <i>r. de fracturas</i> fracture network <i>r. de iones</i> ionic structure <i>r. filoniana</i> stockwork
recoido <i>nm</i> river bend	redenominado,-da <i>adj</i> renamed
recoger <i>vtr</i> to collect to gather or collect ores	redeposición <i>nf</i> redeposition
	redepositado,-da <i>adj</i> redeposited, reworked
	redepositar <i>vtr</i> to redeposit
	redepósito <i>nm</i> redeposition
	rediferenciación <i>nf</i> redifferentiation
	redoma <i>nf</i> laboratory flask
	redondeado,-da <i>adj</i> rounded
	redondez <i>nf</i> roundness
	redoniense <i>adj</i> Redonian
	redoxomórfico,-ca <i>adj</i> redoxomorphic
	redruthita <i>nf</i> chalcocite
	reducción <i>nf</i> reduction <i>r. de escorias</i> slag

fuming (reduction of zinc oxide in lead slag)	aceptación acceptance region <i>r. de hundimiento</i>
reducir <i>vtr</i> [chem] to reduce	graben <i>r. de rechazo</i> rejection region
reductor,-tora <i>adj</i> reducing <i>nm</i> reducing agent, reducer	registro <i>nf</i> [maps] registration
reemplazamiento <i>nm</i> replacement	registrar <i>vtr</i> to file, to register (a mining claim)
reemplazar <i>vtr</i> to replace	registro <i>nm</i> record log logging <i>r. acústico</i> acoustic log <i>r. de pozo</i> well log well logging <i>r. eléctrico</i> electric log
reemplazo <i>nm</i> replacement	regla <i>nf</i> rule pattern [surv] rod used in measuring base of triangulation <i>r. de cálculo</i> slide rule
reentrant <i>adj</i> reentrant <i>nm</i> reentrant	reglón <i>nm</i> [surv] vertical measuring rod
refinado,da <i>adj</i> refined <i>r. al fuego</i> fire refined	regmático,-ca <i>adj</i> regmatic
refinadura <i>nf</i> refining	regola <i>nf</i> undercut
refinar <i>vtr</i> to refine	regolita <i>nf</i> regolith
refinería <i>nf</i> refinery <i>r. petrolífera</i> oil refinery	regradación <i>nf</i> regadation
refino <i>nm</i> refinery refining	regresión <i>nf</i> [strat, stats] regression <i>r. lineal</i> linear regression <i>r. polinómica</i> polynomial regression
reflectancia <i>nf</i> reflectance	regresivo,-va <i>adj</i> regressive
reflejado,-ja <i>adj</i> reflected	reguero <i>nm</i> undercut
reflejo,-ja <i>adj</i> reflected <i>nm</i> fluorescence of petroleum, "bloom"	regular <i>adj</i> average, usual, normal
reflexión <i>nf</i> reflection <i>r. fantasma</i> ghost reflection	rehabilitación <i>nf</i> rehabilitation, reopening (of mines, workings, etc.)
reflujo <i>nm</i> ebb tide reflux	rejalgar <i>nm</i> realgar
refoga <i>nf</i> [Pe] retort used for vaporizing mercury from amalgam	rejilla <i>nf</i> ripple
refogar <i>vtr</i> [Pe] to retort amalgam	rejuvenado,-da <i>adj</i> rejuvenated
refoliación <i>nf</i> refoliation	rejuvenecimiento <i>nm</i> rejuvenation
reformación <i>nf</i> reformation (petroleum products)	relación <i>nf</i> ratio, proportion rate <i>r. de actividad</i> activity ratio <i>r. gas/petróleo</i> gas oil ratio
reformar <i>vtr</i> to reform (petroleum products)	relacionado,-da <i>adj</i> allied
refracción <i>nf</i> refraction <i>r. de clivaje</i> cleavage refraction <i>r. del crucero</i> cleavage refraction <i>r. de la esquistocidad</i> cleavage refraction <i>r. doble</i> double refraction	relajación <i>nf</i> relaxation
refractorio,-ria <i>adj</i> refractory <i>nm</i> refraction	relativo,-va <i>adj</i> relative
refractivo,-va <i>nm</i> refractive	relaves <i>nmpl</i> residues remaining after washing of placer ores second washing of ore tails
refractometría <i>nf</i> refractometry	relece <i>nm</i> [Col] ore left behind in former workings as unprofitable
refractómetro <i>nm</i> refractometer	relevamiento <i>nm</i> topographic survey
refringencia <i>nf</i> refractivity, refringence	relevar <i>vtr</i> to take topography
refringente <i>adj</i> refringent	relicto,-ta <i>adj</i> relict
refringir <i>vtr</i> to refract	relieve <i>nm</i> relief <i>r. de erosión</i> erosional relief <i>r. estructural</i> structural relief <i>en r.</i> in relief
refugiense <i>adj</i> Refugian	reliquia <i>nf</i> relict
regadura <i>nf</i> undercutting, undermining, holing undercut	reliz <i>nm</i> [Méx] wall-rock separating branches of a vein bounding plane between wall rock and ore
regato <i>nm</i> pool stream	reluciente <i>adj</i> clear [Méx] finely crystalline (said of galena)
regatón <i>nm</i> [Col] kind of chopper used in washing gold	relumbroso,-sa <i>adj</i> shining, glistening
regelación <i>nf</i> regulation	relleno <i>nm</i> filling filler backfill (in a mine) <i>rellena de fisura</i> fracture filling
regenerado,-da <i>adj</i> regenerated	
regente <i>nm</i> [Bol] mine foreman	
región <i>nf</i> region <i>r. abisal</i> abyssal area <i>r. adiabática</i> adiabatic region <i>r. asismica</i> aseismic region <i>r. de ablación</i> ablation area <i>r. de</i>	

remanso <i>nm</i> pool of still water backwater	resbaladero <i>nm</i> ore chute
remate <i>nm</i> pinch out, thinning or wedging out.	resbalado,-da <i>adj</i> overlapping
remoción <i>nf</i> denudation	resbalamiento <i>nm</i> overlapping
remolenita <i>nf</i> atacamite	resbalarse <i>vpr</i> to run side-by-side (as for veins)
remolino <i>nm</i> whirlpool, eddy, swirl pocket, mass or bunch of ore [Pampa de Nevar, Pe]	resbaló <i>nm</i> hill with steep slopes abrupt slope
supergene ores consisting of native gold and silver spun together like thread or wire	resbalón <i>nm</i> overlapping landslide fault
rendición <i>nf</i> yield	rescatar <i>vtr</i> [Méx] to buy ore
rendimiento <i>nm</i> yield, return product, output daily production rate for oil and /or gas wells	rescate <i>nm</i> [Méx] tribute of gold demanded of native peoples by the conquering Spanish public sale of ore
<i>r. de un pozo</i> yield of a well	
render <i>vintr</i> to yield to produce	rescatín <i>nm</i> person who buys ore from Indians in small lots
renglonadura <i>nf</i> ruled lines <i>nfpl</i> ruling	reseco <i>nm</i> [Santa Eulalia, Méx] lead carbonate ore
reniforme <i>adj</i> reniform, kidney-shaped	resecuente <i>adj</i> resequent
renio <i>nm</i> rhenium <i>r.-osmio</i> rhenium-osmium	resedimentación <i>nf</i> resedimentation
renta <i>nf</i> income rent interest, return <i>r. neta de amortización decreciente</i> net income for depletion allowance <i>a r. on lease</i>	resedimentado,-da <i>adj</i> resedimented
rentabilidad <i>nf</i> profitability	reservas <i>nfpl</i> reserves <i>r. especulativas</i> speculative reserves <i>r. hipotética</i> hypothetical reserves <i>r. no descubiertos</i> undiscovered reserves <i>r. no desarrolladas</i> undeveloped proven reserves <i>r. posibles</i> possible reserves <i>r. primaria</i> primary reserves <i>r. probadas</i> proven reserves <i>r. real</i> actual reserve. <i>r. secundaria</i> secondary reserves <i>r. suplementarias</i> supplementary reserves
rentable <i>adj</i> profitable	
rentar <i>vtr</i> to yield, produce to let, rent	residuo <i>nm</i> residuum, residue [math] remainder waste from cobbing ore <i>r. aluvial</i> alluvium
reognimbrita <i>nf</i> rheognimbrite	
reología <i>nf</i> rheology	resiliencia <i>nf</i> resilience
reológico,-ca <i>adj</i> rheologic	resina <i>nf</i> resin
reomórfico,-ca <i>adj</i> rheomorphic	resinero,-ra <i>adj</i> resin
reomorfismo <i>nm</i> rheomorphism	resinita <i>nf</i> resinite (variety of chalcedony) fossil resin hydrated quartz
reotropismo <i>nm</i> rheotropism	resinoide <i>nm</i> resinoid
repacho <i>nm</i> slope	resinoso,-sa <i>adj</i> resinous, resin
repartamiento <i>nm</i> allotment of <i>mitayos</i> to a mine or mill	resistencia <i>nf</i> resistance
reparto de la demanda <i>nm</i> prorationing	resistente <i>nm</i> resistant
repasiri <i>nm</i> <i>minga</i> employed to mix, ladle and trod ore in the <i>patio</i> process of amalgamation of silver ores	resistividad <i>nf</i> resistivity <i>r. aparente</i> apparent resistivity
repecho <i>nm</i> declivity, slope	resorber <i>vtr</i> to reabsorb
repetición <i>nf</i> repeatability	resorberse <i>vpr</i> to be reabsorbed
repetido,-da <i>adj</i> repeated	resorción <i>nf</i> reabsorption, resorption
repetiense <i>adj</i> Repettian	resorte <i>nm</i> spring
réplica de un terremoto <i>nf</i> aftershock.	respaldo <i>nm</i> wall of a vein, etc. country rock adjacent to a vein, etc. [Bol] any remnants of ore in an old working <i>r. de alto</i> or <i>superior</i> hanging wall <i>r. de bajo</i> or <i>superior</i> footwall
represa <i>nf</i> dam <i>r. para colas</i> tailings dam	resquebrajo <i>nm</i> cracked dessicated
representación de un registro <i>nf</i> [seis] play back	restinga <i>nf</i> bank, shoal
reproducción <i>nf</i> reproductibility	restingar <i>nmpl</i> shoals
reptación <i>nf</i> creep <i>r. del suelo</i> soil creep	
reptante <i>adj</i> creeping	
requiebro <i>nm</i> crushing of ores after exploitation [Almadén, Sp] medium grade mercury ore	
resaca <i>nf</i> wave recession, backwash resaca, a long narrow, meandering lake in the bed of a former stream channel	
resalto <i>nm</i> rebound	

- restita** *nf* restite
resto *nm* residue
restringido,-da *adj* restricted
restringir *vtr* to restrict, limit
resumen *nm* abstract
resumidero *nm* [Guerrero, Méx] limestone cave or cavern
resurgencia *nf* resurgence
resurgente *adj* resurgent
retardación *nf* [cryst] retardation
retención *nf* retention
retenido,-da *adj* retained
reticulado,-da *adj* reticulate, reticulated, resembling a network | *en reticulado*. stockwork
reticular *adj* net-like
retículo *nm* lattice
retiano,-na *adj* Rhaetian
retiense *adj* Rhaetian
retinasfalto *nm* retinasphalt
retinita *nf* retinite | pitchstone
retorta *nf* retort
retroceso *nm* recession
retrodiagénesis *nf* hypergenesis
retrogradación *nf* retrogradation
retrogrado,-da *adj* retrograde
retrogresión *nf* retrogression
retrogresivo,-va *adj* retrogressive
retrometamorfismo *nm* retrogressive metamorphism
retroplaya *nf* backshore
retuerta *nf* bend in a river
retziano *nm* Retzian
revenidero *nm* rock altered by infiltration of surface or underground water
revenimiento *nm* subsidence | cave-in
reventadero *nm* rough, uneven ground | outcrop
reventazón *nm* [Méx] outcrop
reventón *nm* mass of fine native silver | outcrop
reverberación *nf* calcination or roasting in a reverberatory furnace
reverberante *adj* reverberatory
reverberar *vtr* to roast (ore)
revisor *nm* worker who examines ore separated by miners
revolcar *vtr* [Bol] to rework (old dumps, etc.)
revoltura *nf* [Méx] mixing ore with flux for smelting
rezaga *nf* ore left in a mine
rezagado,-da *adj* [Méx] piled up, heaped
- rezago** *nm* ore left in a mine | [Bol, Pe] fee paid to avoid the *mita* or to avoid having to replace *mitayos* or *mingas* under one's charge who have fled
rezumir *vtr* to ooze, exude | to percolate | *vintr* to seep, ooze
rezumirse *vpr* to ooze, seep
rhodaniense *adj* Rhodanian
ría *nf* ria, creek | mouth of a river | estuary
riacolita *nf* sanidine
riachuelo *nm* rivulet
riazaniense *adj* Ryazanian
riatillo *nm* rivulet
ribazo *nm* mound, hillock, sloping bank
ribera *nf* river bank (usually steep) | seashore | *r. alta* high bank | undercut stope | *r. playa* flat bank, slip-off slope
rico,-ca *adj* rich
riego *nm* [Col] float derived from a mineral deposit
riel *nm* small ingot or bar of metal
rielado,-da *adj* reduced to ingots
rielería *nf* ingot mold
riesgo *nm* risk
rifle *nm* riffle
rigidez *nf* rigidity
rimaya *nf* bergschrund, crevasse
rimero *nm* heap, pile | string of gads
rimpilita *nf* rimpylite
rincón *nm* inside corner | nook | open-ended basin on a mountain | square-cut recess or hollow in a cliff or reentrant in the borders of a plateau or mesa | small secluded valley | inside bend of a stream
rinkita *nf* mosandrite
rinkolita *nf* mosandrite
riñón *nm* kidney-shaped mass of ore, nodular ore | wood tin | point at which the ore in a mine becomes abundant
ró *nm* river | *r. ancho* stream | *r. inadaptado* misfit river
rioandesita *nf* rhyoandesite
riocristal *nm* rhyocrystal
riodacita *nf* rhyodacite
riodiabásico,-ca *adj* rhyodiabasic
riolita *nf* rhyolite
riotaxítico,-ca *adj* ryotaxitic
ripió *nm* rubble | spalled rock or ore | small ores or fines | drill cutting | residue | gravel | [Col] spalled ore | [Ch] residue left from evaporating *caliche*

- riqueza** *nf* riches | richness | *nfpl* wealth | *r.*
fosilífera fossil content
- risco** *nm* crag, cliff, escarpment | [Méx] bull
 quartz | [Villanueva del Río, Sp] country rock
- rítmico,-ca** *adj* rhythmic
- rítmita** *nf* rythmite
- rizadura** *nf* ripple | ripple mark | *r. asimétrica*
 asymmetric ripple | *r. conjugada* compound
 ripple | *r. de cauce* ripple scour | *r. de*
interferencia cross ripple | *r. de resaca* backwash
 ripple | *r. incompleta* star ripple | *r. linguloide*
 cuspat or linguloid ripple | *r. regresiva*
 regressive ripple | *r. simétrica* symmetric ripple
 | *r. transversa* transverse ripple
- robado,-da** *adj* robbed (as for pillars) | [Col]
 showing signs of having been worked before
- robín** *nm* rust
- robusto,-ta** *adj* robust
- roca** *nf* rock | *r. abisal* abyssal rock | *r.*
aborregada roches moutonées | *r. ácida* acid
 rock | *r. alcalina* alkaline rock | *r. alcalinocálcica*
 calcalkaline rock | *r. almacén* reservoir rock | *r.*
amigdaloide amygdaloid rock | *r. amorfá*
 amorphous rock | *r. asquística* aschistic rock |
r. autígena authigenic rock | *r. básica* basic rock
 | *r. calcárea* calcareous rock | *r. carbonatada*
 carbonate rock | *r. clástica* clastic rock | *r. de*
anhidrita anhydrock | *r. de caja* wall rock | *r. de*
contacto contact metamorphosed rock | *r.*
cristalina crystalline rock | *r. de cubierta* cover
 rock | *r. de espaldos* country rock | *r. de nabos*
 laterite | *r. del lugar* country rock | *r. efusiva*
 extrusive rock | *r. encajante* wall rock | *r.*
eruptiva igneous rock | *r. esquistosa* schistic
 rock | *r. estéril* barren rock | *r. estratificada*
 stratified rock | *r. extrusiva* extrusive rock | *r.*
filoniana dike rock | *r. fragmentosa* clastic rock |
r. hialina volcanic glass | *r.-hongo* | *r.*
intermediaria intermediate rock | *r. intrusiva*
 intrusive rock | *r. madre* gangue | source rock
 | *r. magnética* magmatic rock | *r. maleta*
 suitcase rock | *r. metamórfica* metamorphic
 rock | *r. muerta* bedrock (placers) | *r. pelítica*
 pelitic rock | *r. picada* crushed stone | *r.*
plutónica plutonic rock | *r. productiva* reservoir
 rock | *r. recipiente* reservoir rock | *r. salina*
 evaporite | *r. sedimentaria* sedimentary rock |
r. silícea silicic rock | *r. superficial* volcanic rock
 | *r. vítreo* volcanic glass | *r. vecina* country
 rock, wall rock | *r. verde* greenstone | *r. viva*
 unaltered rock | *r. volcánica* volcanic rock | *r.*
- zoogena** organic rock
- rocalita** *nf* rockallite (*obs*, alkalic granite)
- rocalla** *nf* rubble, talus | stone chippings |
 striated pebble
- rocalloso,-sa** *adj* rocky, rubbly | stony
- rocoso,-sa** *adj* rocky, rubbly | stony
- rodado,-da** *adj* round | *nm* float | gravel
- rodesita** *nf* rhodesite
- rodio** *nm* rhodium
- rodita** *nf* rhodite | diogenite
- rodizita** *nf* rhodizite
- rodocrosita** *nf* rhodocrosite
- rodolita** *nf* rhodolite
- rodonita** *nf* rhodonite
- rodostannita** *nf* rhodostannite
- rodusita** *nf* rhodusite
- roedura** *nf* erosion | corrosion, attrition
- roela** *nf* round piece of crude gold or silver
- roeperita** *nf* roepperite
- roer** *vtr* to erode
- roeslerita** *nf* roesslerite, rösslerite
- rogianita** *nf* roggianite
- rojizo,-za** *adj* reddish
- rojo,-ja** *adj* red | *nm* red | *r. blanco* white heat |
r. cereza cherry red
- rombal** *adj* rhombic
- rómrico,-ca** *adj* rhombic
- rombiforme** *adj* rhombic
- rombododecaedro** *nm* rhombic dodecahedron
- romboédrico,-ca** *adj* rhombohedral
- romboedro** *nm* rhombohedron
- romboidal** *adj* rhomboidal, diamond-shaped
- romboide** *nm* rhomboid
- romboideo,-dea** *adj* rhomboid
- rompeolas** *nm* wave breaker, breakwater
- rompe piedras** *nm* stone crusher
- romper** *vtr* to break, crush | to pierce,
 penetrate, break through
- rompiente** *nm* breaking | breaker | reef, shoal
- rompimiento** *nm* communication between any
 two parts of a mine | breaking through
- ronguero** *nm* [Pe] ore carrier who uses a *capacho*
- roqueda** *nf* rocky place
- roquedal** *nm* rocky place
- roquedo** *nm* crag, rock
- roqueño,-ña** *adj* rocky
- rosa** *adj* pink | *nf* rose diamond | rose, rosette
 | *r. de diaclasas* joint rose or rosette
- rosado,-da** *adj* pink, rosy, rose-colored
- rosario** *nm* chain | *en rosario* en echelón
- roseta** *nf* rosette copper

rosicler <i>nm</i> bright rosy color ruby silver (proustite-pyrrhotite) <i>r. claro</i> proustite <i>r. de cobre</i> cuprite <i>r. negro</i> stephanite <i>r. oscuro</i> pyrrhotite	bearing partings in iron ore
rosolita <i>nf</i> landerite	rubidio <i>nm</i> rubidium <i>r.-estrónctio</i> rubidium-strontium
rosterita <i>nf</i> vorobyevite	rubinblenda <i>nf</i> rubinblende
rotación <i>nf</i> rotation	rubio <i>nm</i> limonite brown hematite
rotacional <i>adj</i> rotational	rubor <i>nm</i> bright red
rotativo,-va <i>adj</i> rotary	rugosidad <i>nf</i> rugosity
rotatorio,-ria <i>adj</i> rotary	rugoso,-sa <i>adj</i> rugose, wrinkled
rotoinversión <i>nf</i> rotoinversion	rumbadero <i>nm</i> ore shoot
rotoreflexión <i>nf</i> rotoreflection	rumbeador <i>nm</i> [Méx] prospector
rótulo <i>nm</i> tag	rumbo <i>nm</i> strike direction <i>r. del buzamiento</i> dip direction
roza <i>nf</i> undercutting [Cu] land measure of about 1.2 acres	rumbón <i>nm</i> weathering
rozadora <i>nf</i> coal cutting machine	runita <i>nf</i> graphic granite
rozadura <i>nf</i> undercut	rupeliano,-na <i>adj</i> Rupelian
rozar <i>vtr</i> to undercut, cut away	rupeliense <i>adj</i> Rupelian
rubelita <i>nf</i> rubellite (variety of tourmaline)	ruptura <i>nf</i> rupture <i>r. de pendiente</i> break in slope
rúbeo,-bea <i>adj</i> reddish	rusciniense <i>adj</i> Ruscinian.
rubí <i>nm</i> (<i>pl rubíes</i>) ruby <i>r. balaje</i> balas ruby <i>r. de bohemia</i> rose quartz <i>r. de estaño</i> red crystalline variety of cassiterite <i>r. del brasil</i> red topaz <i>r. del cabo</i> Cape ruby <i>r. espinela</i> spinel ruby <i>r. estrellado</i> star ruby <i>r. oriental</i> corundum. <i>r. rosado</i> balas ruby	rutenarsenita <i>nf</i> ruthenarsenite
rubial <i>nm</i> [Cartagena, Sp] siliceous, magnesium	ruteniridosmina <i>nf</i> rutheniridosmine
	rutenio <i>nm</i> ruthenium
	rutenosmiridio <i>nm</i> ruthenosmiridium
	rutilado,-da <i>adj</i> rutilated
	rutilo <i>nm</i> rutile

S

saaliense adj Saalian

sábado nm a piece of high grade ore, of the sort that Mexican miners were once permitted to search for on the mine dumps each Saturday (*el sábado*) or might otherwise help themselves to on any other day of the week

sabana nf savannah | a placer mine located above water, on the banks of a river

sabanalamar nm [Col] low-lying area frequently flooded by the sea

sabanazo nm [Col] small stretch of flat land

sabanera nf diorite

sabiniente adj Sabinian

sablón nm coarse sand

sábulo nm fine gravel

sabuloso,-sa adj sandy, gritty, arenaceous, sabulous, sabulose, sabuline

saca nf extraction, taking out, withdrawl, removal of ore, etc. | [Bol] drill cuttings

sacador nm sampler | *s. de muestras* sampler, sampling device

sacamuestras nfpl sampler, sampling device | core barrel | *s. de fondo* bottom sampler | *s. de pared* side wall sampler

sacanúcleo nm core barrel | *s. de pared* wall sampler

sacar vtr to extract, take out, remove ores, etc.

sacatestigo nm core barrel

saco nm sack | *s. de ixtle*. sack made from the fibre of the *lechaguilla* plant that holds 5 to 6 *arrobas* of ore | *de s. or en s.* irregular, sack-like

sacudida nf shaking | *s. sísmica* earthquake

saetín nm chute, headrace, flume

sagenítico,-ca adj rutilated, sagenitic

saheliano,-na adj Sahelian

saheliense adj Sahelian

sajoniano,-na adj Saxonian

sajónico,-ca adj Saxonian

sajoniense adj Saxonian

sajonita nf saxonite

sakmariense adj Sakmarian

sal nf salt | *s. amarga* epsomite | *s. blanca* washed salt | *s. común* rock salt, halite | *s. de agua* salt crystallized from water | *s. de buco* porous, impure rock salt | *s. de compás* sock salt | *s. de corazón.* pure, nonporous salt | *s. de desecho* salts such as kieserite, sylvanite, carnalite, kainite and polyhalite that were once

considered worthless | *s. de desescombro* beds of potassium and magnesium salts | *s. de garza* rock salt intermediate in purity and porosity between *s. de barca* and *s. de corazón* | *s. de manantiales* brine salt | *s. de roca* rock salt | *s. de tierra* impure salt found in dried lake beds | *s. dura* salts of the sylvite group, e.g. sylvite, kieserite and halite | *s. gema* sock salt, halite | *s. gorda* or *en grumos* clotty salt evaporated from brine | *s. marina* sea salt | *s. pedrés* or *piedra* rock salt | *s. potásica* potassium salt | *s. principal* carnalite, kieserite and halite | *s. roja* unwashed salt

salacuifer nm saline aquifer

salada nf [US] salt covered plain where a lake has evaporated

saladar nm salt marsh | pool filled with tide or flood waters in which salt deposits are formed by evaporation | dry lake, salar

salado,-da adj saline, salty, salt

salar nm saline lake deposits consisting largely of evaporites and brines | salt marsh | salt flat | salting of a mine or prospect

salazón nm [Arg] salinity

salbanda nf thin layer of clay between a vein and wall-rock, selvage, salband

salero nm salt mine

salfémico,-ca adj salfemic

salíco,-ca adj salic

salida nf outcrop | leak or seep

saliente nm salient

salífero,-ra adj saliferous

salina nf salt mine | salt marsh | salina | salt pan | salt basin | salt flat | [Arg] salt desert

salinas nfpl salt works | salt marsh

salinero,-ra adj salt | requiring much salt in the *patio* process of amalgamation of silver ore | nm person employed to add salt to ore in the *patio* process of amalgamating silver ore

salinidad nf salinity

saliniense adj Salinan

salinización nf salinization

salino,-na adj saline, salty

salinométrico nm salinometer

salitrado,-da adj saltpetrous

salitral adj saltpetrous | nm salt deposit | salt peter deposit | salt peter/nitrate works | salt basin | [Arg] salt marsh, salt steppe

salitre nm salpeter, niter | [Ch] sodium nitrate

salitrera nf salpeter deposit or bed | [Ch] deposit of sodium nitrate

salitrería *nf* salpeter or nitrate works
salitrero,-ra *adj* salpetrous | *nm* salpeter worker
salitroso,-sa *adj* salpetrous
salma *nf* ton
salmoita *nf* tarbuttite
salmuera *nf* brine
salobral *adj* saline
salobre *adj* brackish, briny or salty
salobreño,ña *adj* saline
salobridad *nf* saltiness, brackishness
salón *nm* cavern or chamber of ore
saloneo *nm* [Bol] room with roof supported by pillars or timbering
salopiense *adj* Salopian
salsa *nf* mud volcano
salsedumbre *nf* salinity
salsima *nf* salsima, sialsima
saltación *nf* saltation
saltierra *nf* impure salt derived from dried lake beds
salto *nm* throw of a fault | fault | *s. aparente* a younger vein which intersects an older vein at an acute angle such that it follows the older vein for a distance | *s. de agua* waterfall | *s. horizontal* horizontal displacement, shift | *s. neto* slip | *s. vertical* vertical displacement, throw
samario *nm* samarium | *s.-neodimio* samarium-neodymium
sammaña *nf* psammite
sammítico,-ca *adj* psammitic
sammogénico,-ca *adj* psammogenic
sandía *nf* [NMex] oblong, oval or rounded mountain resembling a watermelon
saneado,-da *adj* drained
saneamiento *nm* drainage
sanear *vtr* to drain, dry out
sangamonense *adj* Sangamonian
sangría *nf* a tunnel that joins two main shafts
sanguinaria *nf* bloodstone
sanidina *nf* sanidine
sannoniano,-na *adj* Sannonian
sannoniense *adj* Sannonian
sano *nm* whole, virgin, unworked ground
santoniano,-na *adj* Santonian
santoniense *adj* Santonian
sanukitoide *nm* orthoandesite
sapantracita *nf* sapanthracite
saperita *nf* sapperite
saponita *nf* soapstone, saponite
saprolítico,-ca *adj* saprolitic

sapropel *nm* sapropel
sapropélico,-ca *adj* sapropelic
sapropelita *nf* sapropel
saprosammita *nf* sandy sapropel
sarabiado,-da *adj* gneissic
sarcopsisida *nf* sarcopsiside
sardiense *adj* Sardic
sardio *nm* sard
sardo *nm* sard
sardónica *nf* sard
sardónice *nm* sardonyx
sardonio *nm* sardonyx
sardónique *nm* sardonyx
sardónix *nm* sardonyx
sarmatiano,-na *adj* Sarmantian
sarmantiense *adj* Sarmantian
sarro *nm* scale, incrustation
sarroso,-sa *adj* scaley, incrusted
sasasa *nf* [Vz] a local variety of sandstone
sassolina *nf* sassolite
satelita *nf* satellite, fibrous serpentine
saturación *nf* saturation | *s. pendular* pendular water saturation
saturado,-da *adj* saturated
saturar *vtr* to saturate
saucesiense *adj* Saucesian
saukovita *nf* metacinnabar
saussuritización *nf* saussuritization
scachita *nf* scachite
scytiano,-na *adj* Scythian
scytiense *adj* Scythian
schapbachita *nf* matildite
scheibeita *nf* phoenicochroite
schoenita *nf* picromerite
secano *nm* sand bar
secas *nfppl* refined silver
sección *nf* section | *s. delgada* thin section | *s. longitudinal* longitudinal section | *s. pulimentada* polished section | *s. transversal* cross section
secadal *nm* moorland
secreción *nf* secretion | segregation
sectil *adj* sectile
secron *nm* sechron
sector *nm* section, part, sector | area, zone
secuaniano,-na *adj* Sequanian
secuaniense *adj* Sequanian
secuencia *nf* sequence | *s. estratigráfica* sedimentary sequence
secundario,-ria *adj* secondary | supergene | *nm* Mesozoic

sedentario,-ria <i>adj</i> sedentary	semicratónico,-ca <i>adj</i> quasicratonic
sediflucción <i>nf</i> sedifluction	semicristalino,-na <i>adj</i> hyalocrystalline
sedimentación <i>nf</i> sedimentation <i>s. euxina</i>	senda <i>nf</i> foot trail, path
euxenic sedimentation	senecaniense <i>adj</i> Senecan
sedimentar <i>nf</i> to aggrade, sediment	senectud <i>nf</i> senescence
sedimentario,-ria <i>adj</i> sedimentary	senescente <i>adj</i> senescent
sedimento <i>nm</i> sediment, deposit <i>s. abisal</i>	senil <i>adj</i> senile (erosion)
pelagic sediment <i>s. anemógeno</i> aeolian	senilidad <i>nf</i> senility (erosion)
sediment <i>s. clástico</i> clastic sediment <i>s. de</i>	seno <i>nm</i> trough
<i>mar profundo</i> pelagic sediment <i>s. efestógeno</i>	senoniano,-na <i>adj</i> Senonian
volcaniclastic sediment <i>s. eólico</i> aeolian	senoniense <i>adj</i> Senonian
sediment <i>s. biógeno</i> organic sediment <i>s.</i>	sensitividad <i>nf</i> sensitivity
<i>clástico</i> clastic sediment <i>s. criógeno</i> glacial	sentarse en vpr to intersect, as in a shaft
sediment <i>s. eólico</i> aeolian sediment <i>s.</i>	intersecting a vein
<i>eupelágico</i> <i>s. fluvial</i> fluvial sediment <i>s.</i>	sentazón <i>nm</i> rock slide or landslide
<i>hemipelágico</i> hemipelagic deposit <i>s. límrico</i>	sentido <i>nm</i> sense or direction of throw on a
lacustrine sediment <i>s. litoral</i> coastal sediment	fault
<i>s. marino</i> marine sediment <i>s. mecánico</i>	señoraje <i>nm</i> royalty paid to the crown or state
mechanical sediment <i>s. orgánico</i> organic	señorial <i>nm</i> [Huancavelica, Pe] smelter tolls
sediment <i>s. organógeno</i> organic sediment <i>s.</i>	paid to owners of <i>pachamanca</i> furnaces
<i>pelágico</i> pelagic deposit <i>s. químico</i> chemical	separación <i>nf</i> sorting or classification of ore
sediment	separation parting
sedimentos <i>nmpl</i> drill cuttings	separar <i>vtr</i> to sort or classify ore
sedimentología <i>nf</i> sedimentology	separata <i>nf</i> reprint
sedimentorio <i>nm</i> sedimentation	sepé <i>nm</i> [Col] layer of iron stained clay found
sedoso,-sa <i>adj</i> silky	above auriferous gravels
seelandiense <i>adj</i> Seelandian	separador <i>nm</i> separator <i>s. de gas</i> gas separator
seficidad <i>nf</i> psephicity	septentriional <i>nm</i> vein having a north-south
sefita <i>nf</i> sudite, psephite	trend
sefítico,-ca <i>adj</i> psephitic	séptima <i>nf</i> one seventh of the able-bodied work
segmentación <i>nf</i> segmentation	force of an Indian community drawn for
segmentado,-da <i>adj</i> segmented	service in the <i>mita</i>
segmento <i>nm</i> segment	sequaniense <i>adj</i> Sequanian
segregación <i>nf</i> segregation	ser un oral <i>v. intr.</i> [Col] to be a rich mine
segregado,-da <i>adj</i> segregated	sericítico,-ca <i>adj</i> sericitic
segullo <i>nm</i> overburden on a gold mine	sericitización <i>nf</i> sericitization
segundo <i>nm</i> second	serie <i>nf</i> series <i>s. calco-alcalina</i> calc-alkaline
seísmo <i>nm</i> earthquake, seism	series <i>s. isoquímica</i> isochemical series <i>s.</i>
selección <i>nf</i> selection, sorting <i>s. a mano</i> hand	<i>ordenada</i> ordered series <i>s. petrolifera</i> oil-
sorting	bearing series or strata
seleccionado,-da <i>adj</i> sorted, selected	serir <i>nm</i> serir, stony desert
selectivo,-va <i>adj</i> selective	serpenteado,-da <i>adj</i> having a serpentine or
selenio <i>nm</i> selenium	highly variable strike or trend (veins)
selenato <i>nm</i> selenate	serpentina <i>nf</i> serpentinite <i>s. fibrosa</i> crysotile <i>s.</i>
selenida <i>nf</i> selenide	<i>hojosa</i> antigorite
selenita <i>nf</i> selenite	serpentinización <i>nf</i> serpentinization
selen-telurio <i>nm</i> selen-tellurium	serpofita <i>nf</i> serpophita
semialto <i>nm</i> [Tepezala, Aguascalientes, Méx]	serrado,-da <i>adj</i> serrate, serrated
furnace used for smelting copper ore	serranía <i>nf</i> ridge
semiantracita <i>nf</i> semianthracite	serravalliene <i>adj</i> Serravallian
semibituminoso,-sa <i>adj</i> semibituminous	sesgadura <i>nf</i> shearing

sesgo,-ga <i>adj</i> biased <i>nm</i> bias <i>sin s.</i> unbiased	seudovitrinoide <i>nm</i> pseudovitrinoid
sesgoconglomerado <i>nm</i> edgewise structure	seudovolcán <i>nm</i> pseudovolcano
seudoautunita <i>nf</i> pseudoautunite	seudowavellita <i>nf</i> crandallite
seudoboleita <i>nf</i> pseudoboleite	sial <i>nm</i> sial, upper crust, sal, granitic layer
seudobomba <i>nf</i> lava ball	siálico,-ca <i>adj</i> sialic
seudobrecha <i>nf</i> pseudobreccia	sialita <i>nf</i> sialite, clay mineral
seudobrookita <i>nf</i> pseudobrookite	sialítico,-ca <i>adj</i> sialitic
seudocapa <i>nf</i> pseudobed	siciliense <i>adj</i> Sicilian
seudocarst <i>nm</i> pseudokarst	siderazote <i>nm</i> siderazot
seudocirco <i>nm</i> pseudocirque	siderodote <i>nm</i> siderodot (<i>var</i> siderite)
seudoclorita <i>nf</i> pseudochlorite	siderofilita <i>nf</i> siderophyllite
seudoconcreción <i>nf</i> pseudoconcretion	siderófilo,-la <i>adj</i> siderophile
seudoconglomerado <i>nm</i> pseudoconglomerate	siderófiro <i>nm</i> siderophyre
seudocotunita <i>nf</i> pseudocotunnite	siderolito <i>nm</i> aerosiderite
seudocrisolita <i>nf</i> pseudochrysolite	sideroso,-sa <i>adj</i> siderose <i>nf</i> siderite
seudocrital <i>nm</i> pseudocrystal	siderosfera <i>nf</i> siderosphere, inner core
seudo-difusión <i>nf</i> pseudo-diffusion	siderotilo <i>nm</i> siderotil
seudofalla <i>nf</i> pseudofault	sidurgia <i>nf</i> iron and steel industry
seudofenocristo <i>nm</i> pseudophenocryst	siderúrgico,-ca <i>adj</i> iron and steel
seudofibroso,-sa <i>adj</i> pseudofibrous	siegeniano,-na <i>adj</i> Siegenian
seudofita <i>nf</i> pseudophite	siegeniense <i>adj</i> Siegenian
seudofósil <i>nm</i> pseudofossil	sienido,-da <i>adj</i> syenide
seudogalena <i>nf</i> sphalerite	sienita <i>nf</i> syenite
seudogradacional <i>adj</i> pseudogradational	sienitoide <i>nm</i> syenitoide
seudolaguna <i>nf</i> pseudolagoon	sienodiorita <i>nf</i> syenodiorite
seudolaueita <i>nf</i> pseudolaueite	sienogabro <i>nm</i> syenogabbro
seudoleucita <i>nf</i> pseudoleucite	sierra <i>nf</i> mountain range ridge
seudomalaquita <i>nf</i> pseudomalachite	sierranita <i>nf</i> sierranite
seudomatriz <i>nf</i> pseudomatrix	siferna <i>nf</i> siferna, sima
seudomicrita <i>nf</i> pseudomicrite	sigmoideo,-dea <i>adj</i> sigmoid, sigmoidal
seudomicrosparita <i>nf</i> pseudomicrosparite	sil <i>nm</i> yellow ochre
seudomonoclínico,-ca <i>adj</i> pseudomonoclinic	silcreta <i>nf</i> silcrete
seudomontaña <i>nf</i> pseudomountain	silesiense <i>adj</i> Silesian
seudomórfico,-ca <i>adj</i> pseudomorphic	sílex <i>nm</i> flint, silex, chert silica
seudomorfismo <i>nm</i> pseudomorphism	silexita <i>nf</i> quartzolite, silexite chert
seudomorfo <i>nm</i> pseudomorph	silhidrita <i>nf</i> silhydrite
seudonódulo <i>nm</i> pseudonodule	silicación <i>nf</i> silication
seudo-ofítico,-ca <i>adj</i> pseudo-ophitic	silicado,-da <i>adj</i> silicated
seudo-oolito <i>nm</i> pseudo-oolith	silicalita <i>nf</i> silicalite
seudoporfirítico,-ca <i>adj</i> pseudoporphyritic	silicato <i>nm</i> silicate <i>s. aislado</i> nesosilicate <i>s. de aluminio</i> aluminosilicate <i>s. en andamiaje</i> tectosilicate <i>s. en anillo</i> ring silicate, cyclosilicate <i>s. en cadena</i> chain silicate, inosilicate <i>s. en grupo</i> sorosilicate <i>s. en hoja</i> phyllosilicate
seudoporfioblástico,-ca <i>adj</i> pseudoporphyrblastic	sílice <i>nf</i> silica
seudosefita <i>nf</i> pseudobreccia, pseudoconglomerate	silíceo,-cea <i>adj</i> siliceous
seudorutilo <i>nm</i> pseudorutile	siliciclástico,-ca <i>adj</i> siliciclastic
seudosecondario,-ria <i>adj</i> pseudosecondary	silícico,-ca <i>adj</i> silicic
seudosparita <i>nf</i> pseudosparite	silicificación <i>nf</i> silification
seudostratificación <i>nf</i> pseudostratification	silicificado,-da <i>adj</i> silicified
seudosimetría <i>nf</i> pseudosymmetry	
seudotaquilita <i>nf</i> pseudotachylite	
seudovitrinita <i>nf</i> pseudovitrinite	

silicificar <i>vtr</i> to silicify	system
silicilito <i>nm</i> silicilith	siniense <i>adj</i> sinian, siphean
silicinato,-ta <i>adj</i> silicinate	siniestro,-tra <i>adj</i> sinistral
silicio <i>nm</i> silicon	sinkinématico,-ca <i>adj</i> synkinematic
silicofita <i>nf</i> siliciophite	sinópal <i>nm</i> sinople
silicoso,-sa <i>adj</i> siliceous	sinorogénico,-ca <i>adj</i> synorogenic
silicotélico,-ca <i>adj</i> telehemic	sintectónico,-ca <i>adj</i> syntectonic
silificación <i>nf</i> silicification	sinsedimentario <i>nm</i> synsedimentary
silo <i>nm</i> sill	sintáctico,-ca <i>adj</i> syntactic
silomelana <i>nf</i> psilomelane	sintéctico,-ca <i>adj</i> syntectic
siluriano,-na <i>adj</i> Silurian <i>nm</i> Silurian	sintectita <i>nf</i> syntectite
silúrico,-ca <i>adj</i> Silurian <i>nm</i> Silurian	sintectónico,-ca <i>adj</i> syntectonic
silvanita <i>nf</i> sylvanite	síntesis <i>nm</i> synthesis
silvina <i>nf</i> sylvite	sintético,-ca <i>adj</i> synthetic
silvinita <i>nf</i> sylvinitite (mixture of halite and sylvite)	sirca <i>nf</i> [Ch] vein
silvita <i>nf</i> sylvite	sircar <i>vtr</i> [Ch] to strip overburden from a vein
silla <i>nf</i> saddle, as in a vein, fold, etc.	sismicidad <i>nf</i> seismicity
sillar <i>nm</i> sillar nonwelded ash-flow tuff	símico,-ca <i>adj</i> seismic <i>nf</i> seismic <i>s. aplicada</i> seismic reccording
sillería <i>nf</i> ashlar stone	sismita <i>nf</i> seismite
sillina <i>nf</i> [Pe] sulfur	sismo <i>nm</i> earthquake <i>s. cercano</i> nearby
sima <i>nf</i> sima, intermediate layer, basaltic layer chasm, abyss, cavern	earthquake <i>s. de dislocación</i> tectonic
simático,-ca <i>adj</i> simatic	earthquake <i>s. distante</i> distant earthquake <i>s. final</i> aftershock <i>s. lejano</i> distant earthquake <i>s. local</i> nearby earthquake <i>s. preliminar</i> foreshock <i>s. precursor</i> foreshock <i>s. principal</i> main shock <i>s. tectónico</i> tectonic earthquake <i>s. volcánico</i> volcanic earthquake
simetría <i>nf</i> symmetry	sismoscopo <i>nm</i> seismoscope
simétrico,-ca <i>adj</i> symmetric, symmetrical	sismógrafo <i>nm</i> seismograph <i>s. de reflexión</i> reflection seismograph <i>s. de refracción</i> refraction seismograph <i>s. sintético</i> synthetic seismograph
simictita <i>nf</i> symmictite diamictite	sismograma <i>nm</i> seismogram
simpléctico,-ca <i>adj</i> symplectic	sismología <i>nf</i> seismology
simplectita <i>nf</i> symplectite	sismometría <i>nf</i> seismometry
simplesita <i>nf</i> symplesite	sismómetro <i>nm</i> seismometer
sinadelfita <i>nf</i> synadelphite	sismondina <i>nf</i> sismondine
sinantéctico,-ca <i>adj</i> synantectic	sistema <i>nm</i> system process <i>s. cantera</i> quarrying <i>s. cristalino</i> crystal system <i>s. de fallas</i> fault system <i>s. de paradas</i> [Ch] recovery of sodium nitrate by evaporating caliche in an iron caldron [seis] <i>s. de tiro</i> shooting system <i>s. digitalizador</i> digitizer <i>s. hidrográfico</i> river system
sinclinal <i>adj</i> synclinal <i>nm</i> syncline <i>s. acostado</i> recumbant syncline. <i>s. asimétrico</i> asymmetric syncline <i>s. recostado</i> recumbant syncline <i>s. recumbente</i> recumbant syncline <i>s. simétrico</i> symmetric syncline <i>s. volcado</i> overturned syncline	sistemático,-ca <i>adj</i> systematic
sinclinorio <i>nm</i> synclinorium	sitaparita <i>nf</i> bixbyite
sincroneidad <i>nf</i> synchroneity	sitio <i>nm</i> location, site <i>s. de labor</i> [Méx] a land measure of 5000 by 5000 varas <i>s. de ganado</i> mayor 1 square league = 4338.1123 acres <i>s. de ganado menor</i> 3333 and 1/3 acres
sincrónico,-ca <i>adj</i> synchronous	
sinchisita <i>nf</i> synchysite	
sindeposición <i>nf</i> syndeposition	
sindeposicional <i>adj</i> syndepositional	
sineclisa <i>nf</i> synclise	
sinemuriano,-na <i>adj</i> Sinemurian	
sinemuriense <i>adj</i> Sinemurian	
siniforma <i>nf</i> synform	
singénesis <i>nf</i> syngensis	
singenético,-ca <i>adj</i> syngenetic	
singtonia cristalográfica <i>nf</i> crystallization	

situación <i>nf</i> location, site <i>s. de sondeo</i> well site or location	sodalitita <i>nf</i> sodalithite <i>sodalitite</i>
situadista <i>nm</i> worker employed to transport <i>situados</i>	sódico,-ca <i>adj</i> sodic
situados <i>nmpl</i> payments in silver from silver mines to the Spanish royal exchequer (often incorrectly applied to all silver shipments from South America)	sodio <i>nm</i> sodium
situar <i>vtr</i> to locate	sofocado,-da <i>adj</i> abandoned on account of flooding (mines)
skiddaviano,-na <i>adj</i> Skiddavian	sofocarse <i>vpr</i> to flood
skiddaviense <i>adj</i> Skiddavian	sol <i>nm</i> sun [Potosí, Bol] the eastern side of <i>Cerro Rico de Potosí</i>
skytiense <i>adj</i> Skythian	solapado,-da <i>adj</i> overlapped, overlapping
smirnovita <i>nf</i> thorutite	solapar <i>vtr</i> to overlap
smithiense <i>adj</i> Smithian	soldadura <i>nf</i> coalescence fusion
sobrecrepaña <i>nf</i> overburden	soldarse <i>vpr</i> to coalesce
sobreconsolidación <i>nf</i> overconsolidation	solera negra or solera pobre <i>nf</i> [Almadén, Sp] sandstone impregnated with cinnabar
sobreempuje <i>adj</i> overthrust	soleta <i>nf</i> clay or shale parting found in coal seams
sobreescorrimiento <i>nm</i> overthrust	soleamiento <i>nm</i> uplift
sobreexcavación <i>nf</i> overexcavation	solevantamiento <i>nm</i> uplift
sobreguía <i>nf</i> intermediate level (in a mine)	solfatárico,-ca <i>adj</i> solfatatic
sobreimposición <i>nf</i> superimposition	solidificación <i>nf</i> solidification
sobreplegamiento <i>nm</i> overfold	sólido,-da <i>adj</i> solid
sobreponer <i>vtr</i> to overlap	soliflucción <i>nf</i> solifluction
sobreposición <i>nf</i> overlap	soligénuoso,-sa <i>adj</i> soligenous
sobrepuerto,-ta <i>adj</i> superimposed, overlapping	solubilidad <i>nf</i> solubility
sobrerrajado <i>nm</i> [Bol] overbreak	solución <i>nf</i> solution <i>s. hidrotermal</i> hydrothermal solution <i>s. molar</i> molar solution <i>s. sólido</i> solid solution
sobresabana <i>nf</i> alluvial deposit	solvación <i>nf</i> solvation
sobresaliente <i>adj</i> overhanging, projecting	solvente <i>nm</i> solvent
sobresalir <i>vtr</i> to overhang, project, jut out	sombra <i>nf</i> grayish tinge exhibited by some ores <i>de s.</i> [Col] horizontal, bedded, manto-like
sobresaturación <i>nf</i> oversaturation	sombrero de alteración <i>nm</i> gossan
sobresaturado,-da <i>adj</i> oversaturated	sombrio <i>nm</i> [Potosí, Bol] the western side of the <i>Cerro Rico de Potosí</i>
sobresaturar <i>vtr</i> to oversaturate	somero,-ra <i>adj</i> shallow
sobrevega <i>nf</i> [PR] highest part of a low-lying area	sonar <i>nm</i> sonar <i>s. de superficie</i> surface sonar
sobreyacente <i>adj</i> overlying	sonda <i>nf</i> sonde drill <i>s. caliza</i> limestone sonde <i>s. de cable</i> cable drill <i>s. de corona</i> core drill <i>s. de cuchara</i> earth auger <i>s. de diamantes</i> diamond drill <i>s. de núcleo</i> core drill <i>s. de prospección</i> prospecting drill <i>s. de rotación</i> rotary drill <i>s. de tierra</i> earth auger
sócalo <i>nm</i> basement	sondador <i>nm</i> echo sounder
socava <i>nf</i> undermining	sondaje <i>nm</i> boring, drilling sounding <i>s. a diamante</i> diamond drilling <i>s. con corazón</i> core drilling <i>s. de exploración</i> test drilling <i>s. de testigo</i> core drilling
socavación <i>nf</i> undermining	sondar <i>vtr</i> to drill, bore to take soundings
socavadora <i>nm</i> undercutter	sondear <i>vtr</i> to drill, bore to investigate or explore ground to take soundings
socavamiento <i>nm</i> undermining	sondeo <i>nm</i> drilling, boring sounding <i>s. a la</i>
socavar <i>vtr</i> to undermine, undercut, dig under	
socavón , <i>nm</i> excavation gallery, tunnel, adit subsidence <i>s. de cateo</i> prospecting adit <i>s. de desague</i> drainage adit, drainage tunnel	
socavonero <i>nm</i> worker who drives a tunnel or gallery	
socaz <i>nm</i> tailrace	
socio,-ia <i>adj</i> companion, associated	
socorro <i>nm</i> assistance, aid <i>s. voluntario</i> [Pe] forced labor in mines abolished in 1812	
sodaclaso <i>nm</i> albite	

granalla adamantine shot drilling | *s. ascendente*
 upward hole | *s. desviado* deviated hole | *s.*
estratigráfico core drilling | *s. marino* offshore
 drilling | *s. oblicuo* drilling at an angle | *s. por*
aire air drilling

sonico,-ca *adj* sonic

sonógrafo *nm* sonograph

sonrosado,-da *adj* rosy, pink

soplado *nm* deep fissure | open pocket in a
 vein, generally lined by druse | alluvium poor
 in gold

sorbencia *nf* seepage

sordawalita *nf* tachylite

soroche *nm* argentiferous lead ore, usually
 galena | *s. plomoso* lead carbonate | *s. reluciente*
 argentiferous galena

soroque *nm* gangue, matrix

sorosilicato *nm* sorosilicate

sosa *nf* soda ash | natrona

sótano *nm* [Méx] vertical cave

sotavento,-ta *adj* leeward, lee

soterrado,-da *adj* buried, underground, blind

soterraño,-ña *adj* subterranean, underground

sotlanque *nm* calcopyrite

sotominero *nm* subforeman (in a mine)

Southern *nfpr* [Pe] "La Southern", the Southern
 Peru Copper Corporation

soyota *nf* Mineralized vug or cavity

sparnaciense *adj* Sparmacian

spatiense *adj* Spathian

spencita *nf* tridymite-(Y)

staffordiense *adj* Staffordian

stampiense *adj* Stampian

stefaniense *adj* Stephanian

sterrettita *nf* kolbeckite

stipoverita *nf* stishovite

struniense *adj* Strunian

styriense *adj* Styrian

suavizado,-da *adj* smoothed

subactivo,-va *adj* subactive

subacuático,-ca *adj* underwater, subaquatic

subácueo,-cuea *adj* underwater

subafloramiento *nm* subcrop

subalcálico,-ca *adj* subalkalic

subalcalino,-na *adj* subalkaline

subaluvial *adj* suballuvial

subalpino,-na *adj* subalpine, montane

subaluminoso,-sa *adj* subaluminous

subarkosa *nf* subarkose

subarkósico,-ca *adj* subarkosic

subarriendo *nm* sublease

subartesiano,-na *adj* subartesian

subautomórfico,-ca *adj* subautomorphic

sub-bentonita *nf* metabentonite

sub-bituminoso,-sa *adj* sub-bituminous.

subclase *nm* subclass

subconsecuente *adj* subconsequent

subcontinento *nm* subcontinent

subcortical *adj* subcrustal

subcuenca *nf* sub-basin

subdiabásico,-ca *adj* subdiabasic

subdrenaje *nm* subdrainage

subducción *nf* subduction

subestrato *nf* sole | substratum

subetapa *nf* substage

subfábrico *nm* subfabric

subfeldspático,-ca *adj* subfeldspathic

subfillarenita *nf* subphyllarenite

subfluvial *adj* underriver

subfósil *nm* subfossil

subgrafita *nf* metagraphite

subgrauwacke *nm* subgreywacke

subgrupo *nm* [strat] subgroup

subhedrón *nm* subhedron

subherciniense *adj* Subhercynian

subhorizonte *nm* substratum

subidiomórfico,-ca *adj* hypidiomorphic,
 subautomorphic

subjacente *adj* subjacent

sublacustre *adj* sublacustrine

sublevación *nf* uplift

sublimación *nf* sublimation

sublimado *nm* sublimate | *s. amarillo* orpiment
 | *s. rojo* realgar

sublimar *vtr* to sublime

sublitarenita *nf* sublitharenite

sublitoral *adj* sublitoral, neritic

sublitwacke *nm* sublithwacke

submarino,-na *adj* submarine

submaturado,-da *adj* submature

submetálico,-ca *adj* submetallic

submuestreo *nm* subsampling

subofítico,-ca *adj* subophitic

subperíodo *nm* subperiod

subpresión *nf* underpressure

subproducto *nm* byproduct

subrampa *nf* subincline (in a mine)

subrosión *nf* subrosion

subsaturación *nf* subsaturation

subsaturado,-da *adj* subsaturated

subsaturar *vtr* to subsaturate

subsecuente *adj* subsequent

subsidencia *nf* subsidence
subsidiario,-ria *adj* subsidiary
substancia *nf* substance
susbstitución *nf* substitution | *s. metasomática*
 metasomatism
substituto *nm* substitute
substrato *nm* substratum
subsuelo *nm* subsoil | subsurface
subterráneo,-nea *adj* subsurface, underground
subterrano *nm* subterrane
subvolcán *nm* subvolcano
subvolcanico,-ca *adj* subvolcanic
subyacente *adj* underlying
succino *nm* amber
succión *nf* subduction
sucesión *nf* succession
sudetíco,-ca *adj* Sudetic
suelo *nm* soil, land | ground | surface
suelto,-ta *adj* loose, unconsolidated
suelto *nm* loose piece of ore
sulfate *nm* [Tetala de Oro, Puebla, Méx]
 aluminous clay containing iron sulfates
sulfatita *nf* sulphatite
sulfato *nm* sulfate | *s. bárico* barite | *s. de calcio*
 gypsum | *s. de plomo* anglesite | *s. pesado* barite
 | *s. sódico* mirabilite
sulfidización *nf* sulfurization
sulfito *nm* sulfite
sulfofilo,-la *adj* sulphophile
sulfosale *nm* sulfosalt
sulfurado,-da *adj* sulfuretted
sulfúrico,-ca *adj* sulfuric
sulfurización *nf* sulfurization
sulfuro *nm* sulfide or sulfide ore | *s. de cadmio*
 greenockite | *s. de cobre* chalcocite | *s. de plomo*
 galena | *s. rojo*. realgar | *sulfuros en masa*
 massive sulfides
sulfuroso,-sa *adj* sulfurous | sour
suma *nf* addition
sumergido,-da *adj* submerged
sumergimiento *nm* submergence
sumergir *vtr* to submerge
sumersión *nf* submersion
sumidero *nm* [PR] sinkhole
sumir *vtr* to submerge
sundtita *nf* andorite
superantracita *nf* superanthracite

superetapa *nf* superstage
superficial *adj* superficial
superficie *nf* surface | area, extent | acreage |
de s. surface | *en s.* at the surface | *s. de*
deslizamiento translation plane or surface |
slickenslide | *s. de equilibrio* isostatic
equilibrium surface | *s. de erosión* erosion
surface | *s. de estratificación* bedding surface,
 bedding plane. | *s. de fracturación* fracture
 plane, fault plane | *s. lístrica* listric surface
superficies-s *nfpl* *s.-surface*
superfluente *adj* superfluent
supergénico,-ca *adj* supergene
supergupo *nm* supergroup
superior *adj* upper
superparamagnetismo *nm* superparamagnetism
superperiodicidad *nf* superperiodicity
superplasticidad *nf* superplasticity
superponer *vtr* to superpose, superimpose
superposición *nf* superposition | *s. discordante*
 overstep | *s. transgresiva* onlap
superpresión *nf* overpressure
superpuesto,-ta *adj* superimposed,
 supplementary | *nm* overlap
supersaturación *nf* supersaturation
supersaturado,-da *adj* supersaturated
supersaturar *vtr* to supersaturate
superserie *nf* superseries
supersistema *nm* supersystem
suplementario,-ria *adj* subsidiary
supralitoral *adj* supralittoral, supratidal
surcamiento *nm* furrowing
surco *nm* groove, furrow | sill | *s. de alud*
 avalanche scar | *s. de erosión* erosion groove |
s. de escurrimiento sill mark | *s. glaciárico*
 discontinuo jumping gouge
surgencia *nf* upwelling
surtido,-da *adj* sorted | *nm* sorting
susceptibilidad *nf* susceptibility
suspendido,-da *adj* suspended
suspensoide *nm* suspensoid
sustancia *nf* substance
sustitución *nf* substitution
sutura *nf* suture
suturado,-da *adj* sutured

T

tabaire *nm* a variety of soft limestone used for masonry

tabianiense *adj* Tabanian.

tabique *nm* [Méx] 'horse' of rock in a vein, unmineralized rock separating bands of ore

tabla *nf* slab (of rock) | table, list | side of a vein | *t. de alto* hanging wall | *t. de bajo* footwall

tablazo *nm* mesa | flat stretch of a river

tablero *nm* [Sp] slab | *t. digitalizador* digitizing tablet

tablero de comprobación *nm* map showing allocation of exploration permits

tacana *nf* silver ore | [Pe] argentite

tacano *nm* ore rich in silver

tacónico,-ca *adj* Taconic

taconiense *adj* Taconian

tacos *nmpl* [Méx] stones at the bottom of an arrastre

tafrogénesis *nf* taphrogenesis

tafrogenía *nf* taphrogeny.

tafrogénico,-ca *adj* taphrogenic

tafrogeosinclinal *nm* taphrogeosyncline

tafrolito *nm* taphrolith

taghanicano,-na *adj* Taghanican

tagilita *nf* pseudomalachite

tahona *nf* [Méx] variety of *arrastre* driven by a water wheel, spoon arrastre

tahonero *nm* [Méx] worker in charge of a *tahona*

tahúlla *nf* land measure used in southeast Spain (1 *tahúlla* = 11.18 acres = 0.28 acres)

tajadera *nf* cold chisel | [Aragón, Sp] sluice-gate

tajado *nm* slicing (in mining)

tajamar *nm* [Arg] basin

tajear *vtr* [Pe] to stope

tajeo *nm* [Pe] stoping

tajerías *nfppl* [Isla San Fernando, Sp] salt-water evaporation ponds

tajo *nm* cut, opening, excavation, trench | working face or cut | *t. abierto* open cut, open pit | *t. ascendente* ascending cut | *t. descendente* descending cut | *t. descubierto* open cut | *t. recto* cut perpendicular to a gallery | *a t. abierto* open-cutting or open-pitting

tajón *nm* [Andalusia, Sp] calcareous vein from which lime is extracted

talacha *nf* [Méx] pickaxe, pick, mattock

taladrador,-ora *adj* drilling, boring or piercing |

nm driller

taladradora *nf* drill

taladrar *vtr* to drill or bore | to perforate

taladro *nm* drill or auger | drill or borehole | drill bit | *t. anular* core drill | *t. de alma* core drill | *t. de diamantes* diamond drill | *t. de rotación* rotary drill | *t. de tierra* earth auger | *t. explorador* prospecting drill | *t. testigo* [PR] core drill

talasocracia *nf* period in which the earth's oceans covered most of the continents

talasocrático,-ca *adj* characterized by ocean high stand

talasogénesis *nf* epirogenic processes that form ocean basins

talcita *nf* talcite | damourite

talco *nm* talc

talcoide *nm* talcoid

talcoso,-sa *adj* talcose, talcous

talio *nm* thallium

talmesita *nf* arsenate-belovite

talpetate *nm* talpatate, caliche | [CAm] limestone

talquita *nm* talc schist

talud *nm* talus, slope | *t. continental* continental slope | *t. de derrubios de ladera* talus pile | *t. de reposo* natural slope, slope of repose | *t. de ribera* floodplain | *t. detrítico* talus | *t. litoral* litoral plain | *t. recifal* reef talus

taludar *vtr* to slope

talweg *nm* thalweg

talla *nf* cutting of precious stones | cutting or dressing of stone | working face where rock is being cut

tallado,-da *adj* cut, dressed (stones)

tallado *nm* cutting, dressing (stone, gems, etc.)

tallar *vtr* to cut precious stones | to quarry | *t. en facetas* to facet

taller *nm* workshop of the kind where things are actually made and/or repaired. | Mill.

tamaño *nm* size | dimensions | volume, capacity

tambeo *nm* [Bol] large open stope

tamiz *nm* sieve, sifter, usually mechanical | *pasar por el t.* to screen, sift

tamizar *vtr* to sift, sieve, or screen

tampón *nm* [chem] buffer

tanda *nf* layer | series | work-shift | amount of work done (i.e. ore mined, distance drifted) during a work-shift | tour of duty in the *mita* | work gang | [pet] run

taneciano,-na <i>adj</i> Thanetian	slate
taneciense <i>adj</i> Thanetian	tecalí <i>nm</i> a variety of alabaster, 'Mexican alabaster', 'Mexican marble' or 'Mexican onyx'
tangeita <i>nf</i> calciovolborthite	tecnezio <i>nm</i> technetium
tangencial <i>adj</i> tangential	tecoral <i>nm</i> [Huitzoco, Méx] waste rock
tangente <i>adj</i> tangent <i>nf</i> tangent	tecozahuitl <i>nm</i> yellow ochre
tantalio <i>nm</i> tantalum	tecpatl <i>nm</i> flint, hornstone, green jade
tántalo <i>nm</i> tantalum	tectita <i>nf</i> tektite
tantear <i>vtr</i> to work out roughly, estimate to size-up, measure to try out, test to examine, study a project or proposal	tectocline <i>nm</i> geotectocline
tanteo <i>nm</i> rough estimate test approximate calculation	tectoestratigráfico,-ca <i>adj</i> tectostratigraphic
tapas <i>nf</i> hanging-wall, roof coffer-dam used in placer mining	tectogénesis <i>nf</i> tectonics, tectogenesis
tapado,-da <i>adj</i> concealed, covered up, blind	tectógeno <i>nm</i> tectogene
tapado <i>nm</i> buried treasure	tectónico,-ca <i>adj</i> tectonic <i>nf</i> tectonics <i>t. de placas</i> plate tectonics <i>t. salina</i> salt tectonics
tapar <i>vtr</i> to conceal, cover, cover-up	tectonismo <i>nm</i> diastrophism
tapón <i>nf</i> plug coffer-dam used in placer mining <i>t. volcánico</i> volcanic plug or pipe	tectonita <i>nf</i> tectonite
taponar <i>vtr</i> to construct a coffer-dam in order to work placers	tectonización <i>nf</i> tectonization
taqueo <i>nm</i> [Bol] a caved shaft shaft or working backfilled with waste or low-grade ore	tectonofísica <i>nf</i> tectonophysics
taquihidrita <i>nf</i> tachyhydrite	tectonosfera <i>nf</i> tectonosphere
taquilita <i>nf</i> tachylite	tectosecuente <i>adj</i> tectosequent
taquimetría <i>nf</i> tachymetry, stadia survey	tectosfera <i>nf</i> tectosphere
taquimetro <i>nm</i> tachymeter, stadia	tectosilicato <i>nm</i> tectosilicate
taquisismo <i>nm</i> rapid differential movement of the lithosphere	tectotopo <i>nm</i> tectotope
tardiglacial <i>nm</i> a glacial stage	techo <i>nm</i> layer or bed which caps a deposit <i>t. de galería</i> hanging-wall, roof
tarea <i>nf</i> a certain quantity of ore, drifting, etc. set out as a task to be performed in a single work shift [Bol] a job or task performed by contract [Sto Dgo] a measure of area of about 0.1565 acres	tefра <i>nf</i> tephra
tartariense <i>adj</i> Tartarian	tefrita <i>nf</i> tephrite
tasa <i>nf</i> appraisal, valuation tax limit on expenditures or outlays rate <i>t. de sondeo</i> sampling rate	tefrocronología <i>nf</i> tephrochronology
tasación <i>nf</i> appraisal, valuation calculation	tefroíta <i>nf</i> tephroite
tasar <i>vtr</i> to appraise, value to tax to regulate, fix or ration	tehuilote <i>nm</i> [Méx] quartz crystals country rock
tascina <i>nf</i> naumannite	tejo <i>nm</i> ingot, usually of gold [Méx] cake of silver as the end result of the <i>patio</i> process of reducing silver ores <i>t. de oro</i> gold bullion
tasco <i>nm</i> cupel or crucible variety of fireclay	tejón <i>nm</i> wedge, plate or cake of gold [geomorph] tejon
tasconio <i>nm</i> an argillaceous earth used to make crucibles	telemetro <i>nm</i> telemeter
tases <i>nmpl</i> [Méx] ore calcined in open air heaps	telera <i>nf</i> [Huelva, Sp] heaps of copper ore roasted or calcined in situ
tavistockita <i>nf</i> carbonate-apatite	telesismo <i>nm</i> distant earthquake, teleseism
taylorense <i>adj</i> Tayloran	teletermal <i>adj</i> telethermal
tecacolote <i>nm</i> [Guerrero, Méx] an aluminous	telurantimonio <i>nm</i> tellurantimony
	telurato <i>nm</i> tellurate
	telurbismuto <i>nm</i> tellurbismuth
	telúrico,-ca <i>adj</i> telluric
	telurido <i>nf</i> telluride
	telurio <i>nm</i> tellurium tellurium ore
	telurita <i>nf</i> tellurite
	telurobismutenita <i>nf</i> telluribismuthenite
	teluroide <i>nm</i> telluroid
	telurometro <i>nm</i> tellurometer

telogenético,-ca <i>adj</i> telogenetic	teralita <i>nf</i> theralite, foid gabbro
tembladero <i>nm</i> [Tobasco, Méx] area with asphaltic soil	terbio <i>nm</i> terbium
temblor <i>nm</i> earthquake, tremor <i>t. de tierra</i> earthquake	terciario,-ria <i>adj</i> Tertiary <i>nm</i> Tertiary
temiskamita <i>nf</i> maucherite	tercio <i>nm</i> half a mule load, which translates to different weights in different places, not to mention with different mules and mule skinners
témpano <i>nm</i> ice floe <i>t. de hielo</i> iceberg	terma <i>nf</i> therm
templado,-da <i>nm</i> temperate	termal <i>adj</i> thermal
temprano,-na <i>adj</i> early	termas <i>nfp!</i> hot springs
tenate <i>nm</i> [Méx/Hond] a bag made of hide used to haul or draw ore, etc. out of a mine (a <i>tenate</i> made from half an oxhide will hold 9 <i>arrobas</i> of ore)	termio <i>nm</i> therm
tenatero <i>nm</i> [Méx] worker who carries ore in a <i>tenate</i>	termocarst <i>nm</i> thermokarst
tendencia <i>nf</i> trend	térmico,-ca <i>adj</i> thermal
tenderse <i>vpr</i> [Méx] to become sub-divided or floured by amalgamation	terminación <i>nf</i> completion of a well <i>t. doble</i> dual completion <i>t. multiple</i> multiple completion
tendido <i>nm</i> dip	termoclasa <i>nf</i> crack formed in a rock by a sudden change in temperature
tendimiento <i>nm</i> [Bol] dip	termodinámico,-ca <i>adj</i> thermodynamic
tenestel <i>nm</i> [Tasco, Méx] local variety of limestone	termoelástico,-ca <i>adj</i> thermoelastic
tenor <i>nm</i> tenor or fineness <i>t. fino.</i> fineness of gold	termogeno <i>nm</i> thermogene
tentadura <i>nf</i> [Méx] in the <i>patio</i> process of extracting silver from ore, the test washing of silver amalgamated with mercury in order to adjust the mixture of materials used in the extraction process by extension, any test made by panning or washing	termogénesis <i>nf</i> thermogenesis
teñido,-da <i>adj</i> stained	termografía <i>nf</i> thermography
teodolito <i>nm</i> theodolite	termogravimetría <i>nf</i> thermogravimetry
teorema <i>nm</i> theorem <i>t. central límite</i> central limit theorem <i>t. de Bayes</i> Bayes theorem	termoluminiscencia <i>nf</i> thermoluminescence
teoría <i>nf</i> theory <i>t. anticlinal</i> anticlinal theory <i>t. isostática</i> isostacy	termómetro <i>nm</i> thermometer <i>t. geológico</i> geologic thermometer
teotines <i>nmpl</i> [Santa Cruz, Méx] unusually shaped rocks surrounded by volcanic ash	termonatrita <i>nf</i> thermonatrite
tepetate <i>nm</i> caliche [Méx] volcanic tuff used in construction waste rock or gangue country rock hardpan conglomerate	termo-osmosis <i>nf</i> thermo-osmosis
tepóstel <i>nm</i> [Méx] precious metal bearing gossan or supergene oxides	termoplástico,-ca <i>adj</i> thermoplastic
tepóstete <i>nm</i> [Sonora, Méx] cobbles of specular hematite sometimes found in gold placers	ternario,-ria <i>adj</i> ternary
tepustete <i>nm</i> [Calamahí, Méx] iron ore	terraciense <i>adj</i> Terracian
tequezquite <i>nm</i> [Méx] sodium carbonate	terraplén <i>nm</i> terrace slope terreplain
tequio <i>nm</i> taxes, duties or royalty on ore ore not worth extraction a task set as a day's work for a miner the plural <i>tequios</i> can refer to heaps or stockpiles of ore	terraza <i>nf</i> terrace <i>t. aluvional</i> alluvial terrace, drift terrace <i>t. costera</i> raised beach <i>t. de deposición</i> aggradation terrace <i>t. de erosión</i> erosional terrace <i>t. de geiserita</i> sinter terrace <i>t. estructural</i> structural terrace <i>t. favorable</i> favorable ground <i>t. fluvial</i> stream terrace <i>t. impar</i> unpaired terrace <i>t. marina</i> marine terrace
	terremoto <i>nm</i> earthquake
	terreno <i>nm</i> ground, land terrain, terrane piece of land plot, site earth, rock or formation, as in <i>t. carbonífero</i> 'carbonaceous rock' <i>t. baldío</i> government land <i>t. de encima</i> top soil <i>t. franco</i> land which may be freely conceded by a government to mining enterprises <i>t. terreno</i> all-terrain
	téreo,-ea <i>adj</i> earthy <i>de color t.</i> earth-colored
	terrero,-ra <i>adj</i> earth

terrero *nm* heap or pile of dirt | waste rock | dump, tailings pile | alluvium
terrestre *adj* terrestrial, earthly
terrígeno,-na *adj* terrigenous
terrojo *nm* red earth
terroso,-sa *adj* earthy | brown, earth-colored | *nf* [Méx] vein of clay
terruño *nm* piece of land
tertel *nm* [Ch] hardpan
tesis *nf* thesis | theory, idea | *t. de grado* thesis written for a five-year degree | *t. doctoral* doctoral dissertation
testa *nf* [Méx] test
testero *nm* overhand stope, back stope | *t. abovedado* domed stope, pyramid stope | *t. de techo plano* flat-backed stope | *t. escalonado* rill stope
testificación *nf* log | *t. acústica* acoustic log
testigo *nm* core | sample, specimen | barren rock | [surv] reference point | *t. de erosión* outlier | *t. de perforación* drill core
Tetis *nm* Tethys
tetradimita *nf* tetradyomite
tetraedrita *nf* tetrahedrite
tetraedro *nm* tetrahedron
tetramorfo *nm* tetramorph
tetramórfico,-ca *adj* tetramorphous
tetramorfismo *nm* tetramorphism
tetratoedro *nm* tetratohedron
tezontle *nm* [Méx] a scoracious basaltic rock used as a building stone
textura *nf* texture | *t. aplítica* aplitic texture | *t. fluida* fluid texture | *t. fluidal* flow structure | *t. granuda* granular texture | *t. microgranuda* microgranular texture | *t. microlítica* microlitic texture | *t. pegmatítica* pegmatitic texture | *t. porfídica* porphyritic texture | *t. vítea* glassy texture
tezontle *nm* [Méx] a scoracious basaltic rock used as a building stone
thalana *nf* [Bol] small sieve used in hand sorting of pulverized ores
thanetiano,-na *adj* Thanetian
thanetiense *adj* Thanetian
thojeo *nm* [Bol] act of estimation by a miner of the extent of pay ore prior to drilling and blasting
thuringiense *adj* Thuringian
tiales *nmpl* [Tasco, Méx] local variety of limestone
tibe *nm* [Col] corundum | smooth, flat, elliptical

and spherical stones found in alluvial placers once thought to be favorable indicators for gold placers
tiempo *nm* time | *t. absoluto* absolute time | *t. continental* continental time | *t. de intercepción* intercept time | *t. de propagación* travel time | *t. de retraso* delay time | *t. relativo* relative time
tienta *nf* earth auger
tierra *nf* earth, land, soil, ground | region, native country | any rock or mineral | fine-grained or finely crystalline ore | gangue or matrix | *hacer tierras* to work a placer | *t. adentro* inland. | *t. alcalina* alkaline earth | *t. aluvial* alluvium | *t. amarilla* yellow earth, yellow ochre | *t. apovillada* ore suitable for amalgamation in the *patio* process | *t. arcillosa* clayey ground. | *t. azul* blue earth, blue ground | *t. blanca* micaceous clay; calcareous tufa | *t. común* earthy ores somewhat amenable to amalgamation | *t. de aluvión* alluvium. | *t. de asentar* or *de afinar* [Tamaulipas, Méx] weathered marl | *t. de asiento* [BC, Méx] a fine, auriferous sand | *t. de batán* fuller's earth | *t. de caparossa* red ochre. | *t. de diatomreas* diatomaceous earth. | *t. de Fuller* fuller's earth. | *t. de flor* [El Caratal, Vz] hematitic, gold-bearing soil developed on gold veins | *t. de ladrillos* brick clay | *t. de porcelana* kaolin | *t. de tinta* red ochre | *t. diatomácea* diatomaceous earth | *t. endurecida* hardpan | *t. firme* continent | *t. franca* top soil | *t. grasa* pipe clay | *t. gredosa* clayey marl | *t. de labor* smalls resulting from hand sorting of ore | *t. ordinaria* [Guanajuato, Méx] an inferior grade of ore yielding about 80 ounces of silver to a ton | *t. parda* iron oxide rich soil | *t. pesada* barite | *t. de porcelana* china clay | *t. quemada* balls of residue from mercury reduction furnaces mixed with clayey smalls that are reduced again in a smaller furnace | *t. rara* rare earth | *t. refractaria* fire clay | *t. roja* iron rich clay often staining limestone | *t. verde* greenstone, chloritically altered rock | *t. de yunque* smalls resulting from sorting of ore | *tierras bajas* lowland | *tierras inundables* tidelands | *tierras malas* badlands | *tierras raras* rare earths
tierras *npl* [New Almaden, Calif] fine mercury ore
tiffaniense *adj* Tiffanian
tigliense *adj* Tiglian
tilita *nf* tillite

tilloide nm tilloid	tobáceo,-ea adj tuffaceous
tina nf [Cerro de Pasco, Pe] purification of silver amalgam	tobar nm tuff quarry
tinaja nf water pocket developed below a waterfall natural reservoir [N. Mex]	tobel nm dobel
temporary pool spring too feeble to form a stream [Guadalcázar, Méx] small bunch of cinnabar found at the intersections of veins	toboso,-sa adj tuffaceous
tinajita nf solution pan	tocar la greda vtr [Fr Guiana] to reach bedrock in a placer
tinolita nf thinolite	tocochimbo nm [Pe] blast furnace
tinolítico,-ca adj thinolitic	todouno nm unprocessed coal
tinto,-ta adj red, dark red	tofo nm [Ch] fire clay Durango, Méx] china clay
tioughniogense adj Tioughniogan	tojear vtr [Bol] to support the roof of a mine with large fragments of rock
tipificación nf classification	tojo nm [Bol] large piece or fragment of rock used to support the roof of a mine
tipo nm type, class, kind rate, as in <i>tipo de interés</i> 'rate of interest' percentage	tómbolo nm sand bar
tipomórfico,-ca adj typomorphic	tomín nm one eighth of a <i>castellano de oro</i> , one third of an <i>adarme</i>
tirada aparte nf reprint	tonawadense adj Tonawadan
tirar una labor vtr to prospect and/or work a deposit	tonel nm barrel
tiro nm shot (in blasting) [surv] course [Méx] shaft, winze or pit depth <i>t. ciego</i> winze <i>t. de alcancía</i> raise <i>t. de mina</i> shaft <i>t. de recueste</i> adit, inclined shaft <i>t. de velocidad</i> surface velocity profiling <i>t. de zona alterada</i> weathering shot <i>t. en abanico</i> fan shooting <i>t. en pauta</i> pattern shooting <i>t. inclinado</i> inclined shaft	tonelada nf ton, which at one time varied in weight from place to place <i>t. bruta</i> long ton, gross ton <i>t. corta</i> short ton, net ton <i>t. de ensayador</i> assay ton <i>t. métrica</i> metric ton <i>t. larga</i> long ton <i>t. métrica</i> metric ton <i>t. neta</i> short ton, net ton
tirolita nf tyrolite	tonelaje nm tonnage <i>t. bruto</i> gross tonnage
titanífero,-ra adj titanium-bearing, titaniferous	tonelámetro nm metric ton
titanio nm titanium	tonga nf layer pile, heap difference in level, or head, between two points <i>entrar t.</i> to drain a mine or working by sluices, adits, canals etc. <i>t. de la mina</i> . lowest practical point from which a mine may be drained by gravity
titánico,-ca adj titanic	tongada nf layer
titanita nf sphene	tongriano,-na adj Tongrian
titanocromita nf titanochromite	tongriense adj Tongrian
titoniano,-na adj Tithonian	tonolawayense adj Tonolawayan
titoniense adj Tithonian	tonstein nm claystone
titulación nf assay titration	topacio nm topaz <i>t. del Brasil</i> reddish, rose or purplish yellow varieties of topaz <i>t. ahumado</i> dark brown crystalline quartz <i>t. de Hinojosa</i> or <i>de Salamanca</i> yellow crystalline quartz <i>t. oriental</i> yellow corundum
título nm title degree diploma <i>t. de propiedad</i> title to a mining claim	tope nm rich pocket of ore [Bol] end or bottom of a working, working face
tiza nf chalk finely divided gypsum [Ch]	topo nm league and a half standard measure of ground ore, a fixed amount of which had to be delivered weekly by the <i>mortiri</i>
mixture of ulexite with halite, sodium sulfate, lime and sand found in <i>salares</i> or dry lake beds	topografía nf topography surveying <i>t. carst</i> karst topography
tizar nm [Cerro de Mercado, Méx] a large deposit of high purity silica	topográfico,-ca adj topographic
tizate nm [Méx] chalk	topográfo nm topographer surveyor
toarciano,-na adj Toarcian	
toarcicense adj Toarcian	
toba nf tufa tuff chalk <i>t. calcárea</i> tufa, calcsinter, travertine <i>t. caliza</i> calcareous tuff, travertine <i>t. de cenizas</i> volcanic tuff <i>t. silicea</i> siliceous sinter <i>t. soldada</i> welded tuff	

topología <i>nf</i> topology	stoping <i>t. de cabeza</i> overhand stoping <i>t. de cielo</i> overhand stoping <i>t. de reconocimiento</i> . exploratory workings <i>t. de rajo con grandines directos</i> overhand stoping <i>t. de rajo con grandines invertidos</i> underhand stoping <i>t. del antiguo</i> [Col] working dating back to the time of the Spanish conquistadores <i>t. del indio</i> [Col] working dating back to precolumbian times <i>t. por testeras</i> overhand stoping <i>t. sistema tolva</i> glory hole <i>t. transversal</i> cross cut
topometría <i>nf</i> topometry	
toque <i>nm</i> touchstone	
torca <i>nf</i> sinkhole basin, depression sand pipe, sand gall	
torcer <i>vtr</i> to change direction <i>t. el rumbo</i> to change in strike	
tordo,-da <i>adj</i> grey	
torio <i>nm</i> thorium	
tornasol <i>nm</i> iridescence	
tornasolado,-da <i>adj</i> iridescent	
torno <i>nm</i> [Bol] hoist	
toro <i>nm</i> [Bol] pillar (in a mine)	
torpedeamiento <i>nm</i> artificial fracturing <i>t. por vibración</i> vibrofrac	
torre <i>nf</i> tower <i>t. de extracción</i> or <i>de perforación</i> or <i>de sondeo</i> oil derrick, headframe <i>torre-torre</i> [Pe] towers of hot spring deposits	
torrejoníense <i>adj</i> Torrejonian	
torrente <i>nm</i> ravine, stream freshet	
torrera <i>nfp</i> [Río Tinto, Sp] heaps of ore roasted in situ	
torridoniense <i>adj</i> Torridonian	
tortilla <i>nf</i> hardpan	
tortoniano,-na <i>adj</i> Tortonian	
tortoniense <i>adj</i> Tortonian	
tortuosidad <i>nf</i> tortuosity	
tosca <i>nf</i> hardpan [Patagonia, Arg] white deposits of calcium carbonate occurring in loess [Col] bed of volcanoclastic sediment in placers above <i>sepé</i> and pay dirt [Catorce, Méx] altered dioritic and porphyritic dikes [Méx] talc seams [Guadalcázar, Méx] altered granite porphyry [Guadalcázar, Méx] yellow ochre colored lithomarge at contact of granite porphyry with limestone [PR] soft coral limestone used for masonry, road surfacing and as fertilizer	
tosco,-ca <i>adj</i> coarse, rough	
tostación <i>nf</i> roasting, calcination	
tostador <i>nm</i> [Méx] roasting furnace worker who operates a roasting furnace	
tostadura <i>nf</i> roasting, calcination	
tostar <i>vtr</i> to roast ore	
tournaisiano,-na <i>adj</i> Tournaisian	
tournaisiense <i>adj</i> Tournaisian	
trabajadero <i>nm</i> [Col] vein worked by open pit.	
trabajar <i>vtr</i> to work a mine or placer	
trabajo <i>nm</i> working of a mine or placer <i>nmpl</i> workings <i>t. a cielo abierto</i> open cutting, open pitting, quarrying <i>t. (de) banca</i> underhand	
trabanca <i>nf</i> [Ec] mine timber	
tracción <i>nf</i> traction	
traccionita <i>nf</i> tractionite	
tragante <i>nm</i> sluice	
trama <i>nf</i> structure, framework	
tramo <i>nm</i> lot, tract, stretch, plot of land <i>t. rico</i> . rich ore shoot	
trampa <i>nf</i> trap, as for hydrocarbons or ore mercury trap in a gold mill sluice gate <i>t. compuesta</i> combination trap <i>t. diagenética</i> diagenetic trap <i>t. estratigráfica</i> stratigraphic trap <i>t. estructural</i> structural trap <i>t. petrolífera</i> hydrocarbon trap	
tranca <i>nf</i> [Bol] wooden stull (in a mine)	
trancada <i>nf</i> trench [Almería, Sp] inclined gallery with steps	
tranquilidadita <i>nf</i> tranquillityite	
transfluencia <i>nf</i> transfluence	
transformación <i>nf</i> transformation <i>t. anaclástica</i> deformation without shearing <i>t. de Laplace</i> Laplace transformation	
trans-formacional <i>adj</i> trans-formational	
translación <i>nf</i> translation	
transmisión <i>nf</i> transmission <i>t. retardada</i> transmission lag	
transparente <i>adj</i> transparent	
transporte <i>nm</i> transport <i>t. eólico</i> aeolian transport <i>t. fluvial</i> fluvial transport <i>t. glaciar</i> glacial transport	
transversal <i>nm</i> cross cut	
transformación <i>nf</i> tranformation <i>t. adiabática</i> adiabatic transformation	
translúcido,-da <i>adj</i> translucent	
transluciente <i>adj</i> transluscent	
transmisividad <i>nf</i> transmissivity	
transopaco,-ca <i>adj</i> transopaque	
transparencia <i>nf</i> slide, transparency	
transparente <i>adj</i> transparent <i>nm</i> transparency	
transporte <i>nm</i> transportation	
transuránico,-ca <i>adj</i> transuranic	
trapezoedro <i>nm</i> trapezohedron	

trapiche <i>nm</i> [Ch] crude mill for crushing ore	trifilita <i>nf</i> triphylite
trapichero <i>nm</i> [Ch] operator of a <i>trapiche</i> [Potosí, Bol] operator of a <i>trapiche</i> who usually worked stolen ore	triedro,-ra <i>adj</i> trihedral
trapp <i>nm</i> trap, plateau basalt	trigiro <i>nm</i> ternary axis of rotation
traquianandesita <i>nf</i> trachyandesite	trilla <i>nf</i> [Méx] heap of ore
traquibasalto <i>nm</i> trachybasalt	trimorfismo <i>nm</i> trimorphism
traquidiscontinuidad <i>nf</i> trachydiscontinuity	trinchar <i>vtr</i> [Col] to build a <i>trincho</i> , to dam
traquidolerita <i>nf</i> trachydolerite	trinchera <i>nf</i> trench, ditch [Méx] roughly stacked pile of rock or ore <i>t. de préstamos</i> [PR] borrow pit
traquiofítico,-ca <i>adj</i> trachyophitic	trincho <i>nm</i> [Col] arrangement of dams, trenches etc. used to divert the flow of a stream for purposes of working a placer
traquita <i>nf</i> trachyte	trinitense <i>adj</i> Trinitian
traquílico,-ca <i>adj</i> trachytic	triple unión <i>nf</i> triple junction
traquitoide <i>nm</i> trachytoid	tripolita <i>nf</i> diatomite
tras <i>nm</i> tuff tufa	triquita <i>nf</i> microlite
traslación <i>nf</i> translation <i>t. continental</i> continental drift <i>de t. translational</i>	trisoctaedro <i>nm</i> trioctahedron
traslapamiento <i>nm</i> overlap	tritio <i>nm</i> tritium
traslúcido,-da <i>adj</i> translucent	trituración <i>nf</i> grinding, crushing
traslaciente <i>adj</i> transluscent	triturador,-dora <i>adj</i> crushing, grinding <i>nf</i> crusher
traslucir <i>vintr</i> to be translucent	triturar <i>vtr</i> to crush or grind ore
trasluz <i>nm</i> diffused light reflected light	trivalente <i>adj</i> trivalent
trasversal <i>adj</i> transverse	trocar la batea <i>vtr</i> [Col] to pass <i>bateas</i> of gravel from one worker to another by hand
tratamiento <i>nm</i> treatment reworking of a well to increase production, 'doctoring'	troje de metal <i>nf</i> [Huitzoco, Méx] mercury ore filling open space in gypsum
travecaja <i>nf</i> cross cut	troncar <i>vtr</i> to truncate
travertino <i>nm</i> travertine	tronco <i>nm</i> stock <i>t. de montaña</i> peneplain <i>t. fosil</i> coal pipe <i>t. petrificado</i> woodrock
travesía <i>nf</i> traverse [Col] cross cut	trozo <i>nm</i> [Chacas, Pe] lump of ore the size of an egg
traviesa <i>nf</i> cross cut	truncación <i>nf</i> truncation
traza <i>nf</i> trace streak	truncado,-da <i>adj</i> truncate, truncated
trazado <i>nm</i> tracing <i>t. de mapamiento</i> mapping <i>t. de reflexiones</i> reflection picking	truncamiento <i>nm</i> truncation, as of strata
trazador <i>nm</i> [Méx] underground mine foreman	truncar <i>vtr</i> to truncate
trecho <i>nm</i> passing of ore from one worker to another in baskets	trunco <i>nm</i> stock
tremadociano,-na <i>adj</i> Tremadocian	tubería <i>nf</i> piping, tubing drill string <i>t. colectora</i> gathering line <i>t. de producción</i> producing drill string
tremadociense <i>adj</i> Tremadocian	tubo <i>nm</i> tube <i>t. de explosión</i> diatreme <i>t. de perforación</i> drill pipe <i>t. portatestigos</i> core barrel
tremor <i>nm</i> tremor	tucanita <i>nf</i> scarbroite
trempealeauense <i>adj</i> Trempealeauan	tucurababi <i>nm</i> [Matapé, Méx] an altered granite
trentoniense <i>adj</i> Trentonian	tucurubay <i>nm</i> gravel
trepano <i>nm</i> drill bit <i>t. de diamantes</i> diamond drill bit	tueste <i>nm</i> roasting of ore
triaquisoctaedro <i>nm</i> trioctahedron	tufaceo,-cea <i>adj</i> tufaceous
triangulación <i>nf</i> triangulation	tufisita <i>nf</i> tuffisite
trías <i>nm</i> Trias, Triassic.	tufita <i>nf</i> tuffite
triásico,-ca <i>adj</i> Triassic <i>nm</i> Triassic	tuflava <i>nf</i> tuflava
Tribunal de Minería <i>nm</i> mining court established in Perú in 1736	tulio <i>nm</i> thulium
tributario,-ria <i>adj</i> tributary	
triclinico,-ca <i>adj</i> triclinic	
tricroismo <i>nm</i> trichroism	
tridimita <i>nf</i> trydimite	

tumbado <i>nm</i> [Bol] vein or ore in the upper part of a working false ceiling in a gallery or stope	<i>t. sumergida</i> low-level bog
tumbaga <i>nf</i> [Col] an alloy of equal parts of gold, silver and copper	turbidez <i>nf</i> turbidity
tumbago <i>nm</i> [Col] impure gold	turbiedad <i>nf</i> turbidity
tumbamiento <i>nm</i> recumbance	turbio,-bia <i>adj</i> turbid
tumbar <i>vtr</i> [Méx] to break ground, win or get ore <i>t. la mina</i> [Col] to carelessly work a mine such that it caves	turboglifo <i>nm</i> scour cast <i>t. intersepto</i> furrow flute cast
tumbe <i>nm</i> [Méx] breaking ground, winning or getting ore	turbulento,-ta <i>adj</i> turbulent
tumor <i>nm</i> dome	turingiano,-na <i>adj</i> Thuringian
túnel <i>nm</i> tunnel, gallery	turingiense <i>adj</i> Thuringian
tungomelano <i>nm</i> tungomelane	turingita <i>nf</i> thuringite
tungstato <i>nm</i> tungstate	tourmalina <i>nf</i> tourmaline <i>t. azul.</i> indicolite <i>t. roja.</i> rubellite
tungsteno <i>nm</i> tungsten	turmalinización <i>nf</i> tourmalinization
tungstico,-ca <i>adj</i> tungstic	turmalita <i>nf</i> tourmalite
tuoriense <i>adj</i> Tuorian	turno <i>nm</i> shift tour of duty
tupia <i>nf</i> [Col] dam	turoliense <i>adj</i> Turolian
tupiar <i>vtr</i> [Col] to dam a stream or river	turoniano,-na <i>adj</i> Turonian
turba <i>nf</i> peat	turoniense <i>adj</i> Turonian
turbación <i>nf</i> turbation	turquesa <i>nf</i> turquoise
turbal <i>nm</i> peat bog	tyrrheniense <i>adj</i> Tyrrhenian
turbera <i>nf</i> peat bog <i>t. emergida</i> upland moor	tysonita <i>nf</i> fluocerite
	tzinapu <i>nm</i> [Méx] obsidian

U

ubicación *nf* location, position, site

ubicado,-da *adj* located

ubicar *vtr* to locate, spot (as for a well) or plot (on a map) | *vintr* to be located, situated or placed

ubicarse *vpr* to be located, situated or placed

uchero *nm* llama dung carrier (llama dung was used in the *patio* process of amalgamation of silver ores)

ufertita *nf* davidite

uintense *adj* Uintan

ulatsiense *adj* Ulatsian

ulsteriense *adj* Ulsterian

ultramar *nm* lapis lazuli, lazurite

ultramilonita *nf* ultramylonite

ultrarrojo,-ja *adj* infrared

ultravioletado,-da *adj* ultraviolet | *nm* ultraviolet

ultravioleta *nf* ultraviolet

ultravulcaniense *adj* Ultravulcanian

ulvita *nf* ulvöspinel

ulla *nf* archaic or incorrect spelling of *hulla* 'coal'.

ullera *nf* archaic or incorrect spelling of *hullera* 'coal-mine, colliery'.

ullita *nf* archaic or incorrect spelling for *hullita* 'anthracite'.

umbral *nm* swell | threshold | *u. de circo* | *u. continental* swell | *u. topográfico* topographic doorstep

undación *nf* megafold

undulación *nf* undulation, wave

uniáxico,-ca *adj* uniaxial

uniclinal *adj* monoclinal

unidad *nf* unit | *u. absoluta* absolute unit | *u. bioestratigráfica* biostratigraphic unit | *u. central de procesamiento* central processing unit | *u.*

cronoestratigráfica *cronostratigraphic unit* | *u.*

de cinta magnética tape drive | *u. de disco* disk

drive | *u. de espaciamiento* spacing unit, well

spacing | *u. de muestreo* sampling unit | *u.*

eotvos eotvos unit | *u. estratigráfica*

stratigraphic unit | *u. gravimétrica* gravity unit

| *u. litoeestratigráfica* lithostratigraphic unit | *u.*

tectónica tectonic unit | *u. térmica inglesa* British thermal unit (BTU)

unificación *nf* unitization (of an oil field)

uniformidad *nf* uniformity

unirse *vpr* to coalesce

uñeta *nf* stone cutter's chisel

uralitización *nf* uralitization

uránico,-ca *adj* uranic

uranífero,-ra *adj* uraniferous

uranio *nm* uranium

urano *nm* uranium oxide

uranocre *nm* uranocher

uranofano *nm* uranophane

uranolito *nm* meteoric stone

uranopicco *nm* uraninite, pitchblende

uranosfaerita *nf* uranosphaerite

uranotantalita *nf* samarskite

uranothallita *nf* liebigite

uranotilo *nm* uranotile

urao *nm* gaylussite (a form of trona)

urgue *nm* [Col] clay selvage on a vein

uriconiense *adj* Uriconian

usamerita *nf* greywacke

utahita *nf* jarosite | natrojarosite

utahlita *nf* variscite

útiles *nmpl* tools, equipment | *u. de extracción*

fishing tools | *u. de laboratorio* laboratory

equipment | *u. de sondeo* drilling tools

uvala *nf* karst valley, uvala

uwarowita *nf* uvarovite (variety of garnet)

uzbekita *nf* volborthite

V

vacia *nf* wacke | *v. gris* greywacke
 vaciada *nf* melt | dumping
 vaciadero *nm* dump, tailings pile, spoils bank
 vaciado *nf* emptying | pouring, casting | [Méx] excavation
 vaciador *nm* worker who dumps waste or slag-pots | *v. de carros* car dumper
 vaciagris *nm* greywacke
 vaciamar *nf* ebb tide
 vaciante *nf* ebb tide
 vaciar *vtr* to empty out | to drain | to hollow out | to sluice off | to discharge water, etc. | to dump | to bail out a well | [Méx] to excavate | *vpr* to flow out
 vacío,-ía *adj* empty | *nm* vacuum, void | vacancy
 vacisco *nm* [Almadén, Sp] fines of mercury ore and gangue produced by crushing preparatory to concentration and smelting
 vacuo *nm* vacuum
 vagón *nm* ore car | *v. carboner* coal car | *v. cisterna* a railcar load of 10 mt petroleum | *v. de báscula, de pico, volcador, or de volquete* dumping or tipper car | *v. de mineral* ore car
 vagonada *nf* carload
 vaguada *nf* lowest part of a valley | watershed, divide | talweg | channel, watercourse
 vaho *nm* steam | vapor | fumes
 vainiforme *adj* pod-like
 valangiano,-na *adj* Valangian
 valangiense *adj* Valangian
 valéncia *nf* valency, valence
 valendisiense *adj* Valendisian
 valentiano,-na *adj* Llandoverian
 valentiense *adj* Llandoverian
 valioso,-sa *adj* precious
 valmeyerense *adj* Valmeyeran
 valor *nm* value, worth | *v. BTU* calorific value, BTU value | *v. contable* book value | *v. de la inclinación* degree of inclination | *v. de la rotación* amount of rotation | *v. extremo* extreme value | *v. límite* limit value
 valla *nf* terreplain | embankment
 valle *nm* valley | aclinal | *v. antecedente* antecedent valley | *v. anticlinal* anticlinal valley | *v. colgado* hanging valley | *v. colgante* hanging valley | *v. de aluviones* bottom land | *v. de drenaje* water gap | *v. de erosión* erosional valley

| *v. de fondo* valley with well developed floodplain | *v. de fractura* tectonic valley | *v. de hundimiento* rift valley | *v. en artesa* trough-shaped valley | *v. en u* U-shaped valley | *v. en V* V-shaped valley | *v. epigenético* superimposed or antecedent valley | *v. glaciar* glacial valley | *v. longitudinal* longitudinal valley | *v. maduro* mature valley | *v. seco* strath | *v. sinclinal* synclinal valley | *v. subsecuente* subsequent valley | *v. sumergido* submerged valley, firth | *v. tectónico* structural valley | *v. transversal* transverse valley
 vanadato *nm* vanadinite | vanadate
 vanadífero,-ra *adj* vanadiferous
 vanadio *nm* vanadium
 vanado-magnetita *nf* coulsonite
 vapor *nm* vapor | *v. vivo* steam
 vaporar *vtr* to evaporate
 vaporización *nf* evaporation
 vara *nf* the old Spanish yard or rod, which varies from 0.8 to 1.1 meters (see section on weights and measures) | stick, rod | *v. circular* circular rod | *v. de agrimensor* measuring rod | *v. de medir* measuring rod | *v. de topografía* surveyor's rod | *v. mágica* divining rod | *v. portabrújula* Jacob's staff
 varada *nf* three months of work in a mine
 vareo *nm* measuring in *varas*
 vareta *nf* rod | *v. divinatoria* divining rod | *v. mágica* divining rod
 variable *nf* variable | *v. aleatoria* random variable | *v. continua* continuous variable | *v. de control* control variable | *v. de ligazón* conditional variable | *v. discreta* discrete variable | *v. endógena* endogenous variable | *v. exógena* exogenous variable | *v. independiente* independent variable | *v. indicatriz* indicator variable | *v. latente* latent variable | *v. normal* normally-distributed variable | *variables no correlacionadas* uncorrelated variable.
 variación *nf* variation | *v. de la aguja* compass variation | *v. de tenor* variation in grade | *v. secular* secular variation
 variancia *nf* variance | *v. condicional* conditional variance | *v. ligada* conditional variance
 varilla *nf* rod | *v. divinatoria* divining rod | *v. mágica* divining rod
 variolítico,-ca *adj* variolitic
 variométrico *nm* variometer
 variscico,-ca *adj* Variscan
 varisco,-ca *adj* Variscan

varva <i>nf</i> varve <i>v. de arcilla</i> glacial varve <i>v. glaciar</i> glacial varve	<i>esmeralda</i> emerald green
vaso <i>nm</i> used in the general sense of 'vessel' to refer to all sorts of smelting and cupellating vessels and furnaces [Tepecalá, Méx] local variety of a copper refining furnace	<i>verdemar</i> <i>adj</i> sea green <i>nm</i> sea green
vauclusiense <i>adj</i> Vauclusian	<i>verdeoscuro,-ra</i> <i>adj</i> dark green
vecino,-na <i>adj</i> contiguous	<i>verdete</i> <i>nm</i> verdigris
vega <i>nf</i> open plain oxbow lake [Col] a small valley <i>nfpl</i> floodplain	<i>verdinegro,-gra</i> <i>adj</i> dark green
veinteno <i>nm</i> twentieth, a tax of one twentieth formerly levied on gold production in Spanish America	<i>verdiones</i> <i>nmpl</i> [Ch] green staining indicative of copper mineralization
velaje <i>glaciar nm</i> breaking off of icebergs from glaciers	<i>verdoso,-sa</i> <i>adj</i> greenish
velardenita <i>nf</i> gehlenite	<i>vergencia</i> <i>nf</i> vergence
velocidad <i>nf</i> velocity <i>v. de filtración</i> filtration rate <i>v. de una roca</i> [seis] rock speed, speed of propagation of mechanical waves in rock	<i>vermiculado,-da</i> <i>adj</i> vermiculated
vena <i>nf</i> vein bed seam streak or stripe of a certain color in a stone underground channel for water <i>v. interfoliada</i> interfoliated vein	<i>vernadskita</i> <i>nf</i> antlerite
venaje <i>nf</i> quantity of water in a river	<i>verosimilitud</i> <i>nf</i> likelihood
venera <i>nf</i> spring	<i>versiliense</i> <i>adj</i> Versilian
venerillo <i>nm</i> [Tipuani, Bol] pay gravel in a placer	<i>vertedera</i> <i>nf</i> [Somorrostro, Sp] inclined shoot
venero <i>nm</i> spring source mineralized vein mineral deposit bed or seam [Arg] hidden or blind mineral deposit [Bol] placer tin deposit [Bol, Pe] pay gravel in a placer	<i>vértice</i> <i>nf</i> apex [surv] corner <i>v. de cierre</i> closing corner <i>v. de referencia</i> witness corner <i>v. testigo</i> witness corner
venida <i>nf</i> overflow of a river	<i>vertiente</i> <i>nf</i> slope aspect drainage area, watershed, divide waterfall spring [Sp] brook <i>v. de agua salada</i> brine spring
venido <i>nm</i> [Méx] talus, debris	<i>vesícula</i> <i>nf</i> vesicle gall <i>v. arcillosa</i> clay gall
venilla <i>nf</i> veinlet or stringer small vein	<i>vestigio</i> <i>nm</i> in assaying or chemical analysis, a trace vestige
venita <i>nf</i> stringer, veinlet venite (variety of migmatite) <i>v. de cuarzo</i> quartz stringer	<i>vesubiana</i> <i>nf</i> vesuvianite leucitite mixture of calcite and hydromagnesite
venoso,-sa <i>adj</i> veined	<i>vesubianita</i> <i>nf</i> vesuvianite
ventaja estructural <i>nf</i> [pet] structural advantage	<i>vesuliano,-na</i> <i>adj</i> Vesulian
ventana <i>nf</i> fenster, window inlier <i>v. tectónica</i> structural window	<i>vesuliense</i> <i>adj</i> Vesulian
ventanilla <i>nf</i> [Pe] natural opening in rock	<i>veta</i> <i>nf</i> vein or lode, generally of lesser importance than a <i>filón</i> mineralized bed or seam streak or stripe in a rock rib of ore in a vein, leader, or pay-streak <i>v. al sol</i> vein with ore exposed at the surface <i>v. atravesada</i> cross vein <i>v. bandeada</i> ribbon or banded vein <i>v. boba</i> [Ch] large, unmineralized vein <i>v. caldeada</i> <i>al respaldo</i> vein 'frozen' or 'welded' to wall rock <i>v. cateada</i> vein explored by <i>catas</i> or shallow pits or shafts <i>v. clavada</i> [Col] vertical vein <i>v. clavera</i> spotty vein <i>v. corrida</i> continuous vein <i>v. cortada</i> cross-cutting vein <i>v. crucera</i> cross vein <i>v. de cajón</i> inclined vein <i>v. de carbón</i> coal seam <i>v. de contacto</i> contact lode <i>v. de cuarzo</i> cross vein <i>v. de fisura</i> fissure vein <i>v. de manto</i> bedded or horizontal vein <i>v. de mineral</i> ore vein <i>v. de relleno de falla</i> fault vein <i>v. de resbalón</i> vertical vein <i>v. de sombra</i> inclined vein (20° to 60°) <i>v. de segregación</i> exudation or segregated vein <i>v. de sombra</i> [Col] horizontal vein, manto <i>v. de tope</i> bumpy or beaded vein <i>v. débil</i> weak vein <i>v. desigual en mineral</i> spotty vein <i>v. dislocadora</i>
ventisquero <i>nm</i> glacier	
venturiense <i>adj</i> Venturian	
venturina <i>nf</i> aventurine quartz	
verada <i>nf</i> foot path, trail	
veraneador <i>nm</i> [Col] person who works placers only during dry season	
veraneo <i>nm</i> [Col] working of placers during dry season	
verano <i>nm</i> dry season (summer)	
verde <i>adj</i> green <i>nm</i> green verdigris <i>v.</i>	

dislocating vein | *v. echada* inclined vein | *v. en cola de caballo* horse tail vein | *v. en conformidad* bedding-plane vein | *v. en cuña* gash vein | *v. en radiación* vein radiating from a common center with other veins | *v. en rosario* linked or amygdaloid vein | *v. escalonada* ladder vein | *v. eslabonada* linked vein | *v. estéril* barren vein | *v.-filón* fissure vein | *v. forastera* [Ch] newly discovered vein | *v. formal* strong vein | *v. interfoliada* interfoliated vein | *v. jornalera* vein whose yield just covers expenses leaving no profit | *v. madre* main or mother lode | *v. manteada* horizontal vein | *v. muy tendida* flat vein, bedded vein | *v. rechazada* dislocated vein | *v. robada* [Col] vein which on working shows signs of having been worked before | *v. seca* barren vein | *v. secundaria* secondary vein | *v. sin crestones* hidden or blind vein | *v. socia* companion vein | *v. tabular* tabular vein | *v. transversal* cross vein
vetarrón *nm* a large vein or lode
veteado,-da *adj* veined
vetica *nf* veinlet
veticilla *nf* veinlet
vetilla *nf* veinlet, leader | [Méx] slickensides
vetita *nf* fiber | stringer | *v. de cuarzo* quartz stringer | *v. de mineral* streak
vía *nf* gallery
vibertita *nf* bassanite
vibrosísmica *nf* Vibroseis
vicio *nm* defect, flaw
vicksburgiense *adj* Vicksburgian
vida *nf* life | *v. media* half-life
vidrio *nm* glass | *v. volcánico* volcanic glass
vidrioso,-sa *adj* glassy, vitrious
vilemita *nf* willemite
villafranquiano,-na *adj* Villafranchian
villafranquense *nm* Villafranchian
vincularse a *vpr* to be related to | to be bound or tied to
vindoboniano,-na *adj* Vindobonian
vindoboniense *adj* Vindobonian
violana *nf* violan
virgen *adj* native as well as virgin, e.g. *plata virgen* 'native silver' | pure
virgencia *nf* virgence
virgiliense *adj* Virgilian
virgloriano,-na *adj* Anisian
virgloriense *adj* Anisian
virguliano,-na *adj* Virgulian
virguliense *adj* Virgulian

viridina *nf* viridine, manganeseosite
virutas *nfp* cuttings | *v. de taladro* drill cuttings
viscometría *nf* viscometry
viscometro *nm* viscometer
viscosidad *nf* viscosity | *v. cinemática* kinematic viscosity | *v. extrapolada* extrapolated viscosity
viscoso,-sa *adj* viscous
viseano,-na *adj* Visean
visiense *adj* Visean
visita de minas *nf* [Potosí, Bol] annual inspection by royal Spanish authorities of all mines and mills
vista *nf* sight, view | *v. en corte* cross section | *a la vista* in sight
vítreo,-ea *adj* glassy, vitreous | *nf* hyaline
vítrico,-ca *adj* vitric
vitrificación *nf* vitrification
vitrificar *vtr* to vitrify
vitrinoide *nm* vitrinoid
vitrifírico,-ca *adj* vitriphyric
vitriofido *nm* vitrophyre
vitriolo *nm* vitriol | *v. azul* copper sulfate | *v. blanco* zinc sulfate | *v. de cobre* chalcantite | *v. de marto* copperas | *v. verde* copperas
vitrita *nf* vitrian | vitrite
vitroclarita *nf* vitroclarian
vitrofídico,-ca *adj* vitrophyric
vitrofiro *nm* vitrophyre
volastonita *nf* wollastonite
volátil *adj* volatile
volatilización *nf* volatilization
volcado,-da *adj* inverted, overturned
volcadura *nf* tilting
volcamiento *nm* overturning
volcán *nm* volcano | landslide | [Col] flood | *v. activo* active volcano | *v. apagado* or *extinto* extinct volcano | *v. de barro* mud volcano | *v. de cono compuesto* composite cone | *v. de cono de cenizas* cinder cone | *v. de escudo* shield volcano | *v. de lodo* mud volcano | *v. en escudo* shield volcano | *v. estratificado* stratovolcano | *v. estromboliano* strombolian volcano | *v. fango* mud volcano | *v. hawaiano* Hawaiian or shield volcano | *v. peleano* Peleean volcano | *v. submarino* submarine volcano
volcanicidad *nf* volcanism
volcánico,-ca *adj* volcanic
volcanismo *nm* volcanism
volcanista *nm* volcanist
volcanita *nf* volcanite
volcanogénico,-ca *adj* volcanogenic

volcar *vtr* to invert, overturn | to dump
volframífero,-ra *adj* tungsten-bearing,
 tungstiferous
volframio *nm* wolframite
volframita *nf* wolframite
voltear *vtr* to dump | to overturn
volumen *nm* volume | *v. de los poros* pore
 volume | *v. de roca* rock volume | *v. poroso*
 pore volume
volumétrico,-ca *adj* volumetric
volumetro *nm* volumeter
vómito *nm* [Col] outcrop
vorágine *nf* whirlpool

vórtice *nm* whirlpool
vraconiense *adj* Vraconian
vuelco *nm* tilting, overturning | dumping | *v.*
de estratos tilting of beds
vuelta *nf* whorl | oxbow (of a river) |
 [Almadén, Sp] one complete operation in the
 Bustamente or *aludel* furnace | *dar v. la plata*
 [Méx] to refine silver
vulcanismo *nm* volcanism
vulcanología *nf* volcanology
vulcanologista *nm* volcanologist
vulcanólogo,-ga *nm* and *nf* volcanologist
vulfenita *nf* wulfenite

W

Waaliense *nm* Waalian
waca *nf* wacke
wacka *nf* wacke
wackenrodita *nf* wachenrodite
waldheimita *nf* actinolite
walkerita *nf* pectolite
walmstedtita *nf* breunerite
walpurgina *nf* walpurgite, waltherite
walpurgita *nf* walpurgite, waltherite
waltherita *nf* walpurgite, waltherite
Waltonense *nm* Waltonian
waluewita *nf* xanthophyllite
wallerian *nm* hornblende
wallerita *nf* greenstone
wallongita *nf* wallongongite
warrenita *nf* owyheeite or jamesonite |
 Pennsylvania oil (paraffin rich hydrocarbons)
warringtonita *nf* brochantite
warthita *nf* blödite
warwicita *nf* warwickite
Wasatchiense *nm* Wasatchian
washingtonita *nf* ilmenite
Washitense *nm* Washitan
wasita *nf* impure allanite
Waucobense *nm* Waucoban
waudi *nm* wadi
way *nm* oreway, chimney feeding an ore pass
Wealdense *nm/adj* Wealden
webnerita *nf* andorite
webskyita *nf* fibrous serpentine
weibyeíta *nf* bastnesite
weinschenkita *nf* churchite
weissian *nm* scolecite
weissigita *nf* lithium allanite
Wemmelense *nm* Wemmelian
wenlockiense *nm/adj* Wenlock
wentzelita *nf* hureaulite
werfeniano,-na *adj* Werfenian | *nm* Werfenian
werfeniense *nm/adj* Werfenian
werhemannita *nf* aluminitite
wernerismo *nm* Neptunism
werneritzación *nf* dipyritization
weslienita *nf* römerite
westanita *nf* altered andalusite

westfaliano,-na *adj* Westphalian
westfaliense *nm/adj* Westphalian
westgrenita *nf* bismutomicrolite
Weybourniense *nm* Weybournian
whartonita *nf* nickeliferous pyrite
wheeleriense *nm/adj* Wheelerian
Whitbense *nm* Whitbian
whitcliffiense *nm/adj* Whitcliffian
whitherita *nf* witherite
whitneyense *nm/adj* Whitneyan
wiborgita *nf* viborgite (*obs*, rapakivi granite)
wichtina *nf* wichtisite (*obs*, vitrophyritic
 diabase)
wilcoxiense *nm/adj* Sabinian
wilhemita *nf* willemite
wilinita *nf* idocrase
wiltshireíta *nf* rathite
williamsita *nf* antigorite
winche *nm* winch
winchellita *nf* lintonite
wisconsinense *nm/adj* Wisconsinan
wiserina *nf* anatase | xenotime
wismutaurita *nf* native gold containing up to 3
 percent bismuth
wittichita *nf* wittichenite, klaprothite
wittingita *nf* altered rhodonite
wocheinita *nf* bauxite
wolchita *nf* bournonite
wolfachita *nf* mixture of gersdorffite and
 ullmanite
wolfcampiense *nm/adj* Wolfcampian
wolfram *nm* tungsten | wolframite | *w. blanco*
 calcium tungstate
wolframífero,-ra *nf* tungsten-bearing,
 tungstiferous
wolframio *nm* wolfram
wolfsbergita *nf* chalcostibite
wolftonita *nf* hetairite
wolnina *nf* barite
wolnym *nm* barite
wollongita *nf* wollongongite (a carbonaceous
 shale)
woodbiniense *nm/adj* Woodbinian
woodfordita *nf* ettringite
worobieffita *nf* cesium and lithium beryl
wurtzilita *nf* asphaltic pyrobitumin

X

xairo,-ra *adj* [Col] skew, oblique
xalostocita *nf* landerite (*var* grossularite)
xanotoxeno *nm* xanthoxenite
xanthokón *nm* a variety of diamond
xantiosita *nf* xanthiosite
xantita *nf* xanthite (*var* vesuvianite)
xantoarsenita *nf* sarkinite
xantoconita *nf* xanthoconite
xantocroíta *nf* greenockite
xantofilita *nf* clintonite
xantopirita *nf* pyrite
xantorita *nf* xanthorthite (altered allanite)
xantosiderita *nf* goethite
xantoxenita *nf* xanthoxenite
xantiosita *nf* xanthiosite
xantotitano *nm* xanthitane (alteration product of sphene)
xenoblástico,-ca *adj* xenoblastic
xenoblasto *nm* xenoblast
xenobloque *nm* xenolith | erratic block
xenocristal *nm* xenocryst
xenocristo *nm* xenocryst
xenofiro *nm* xenophyre (*obs*, dike)
xenogenito,-ta *adj* epigenetic
xenogenuoso,-sa *adj* epigenetic
xenoíquico,-ca *adj* xenoikic (*obs*, poikilitic)
xenolita *nf* xenolite | xenolith
xenolítico,-ca *adj* xenolithic
xenolito *nm* xenolith
xenomórfico,-ca *adj* xenomorphic
xenomórfico-granular *adj* xenomorphic
xenomorfismo *nm* xenomorphism

xenomorfo *nm* xenomorph
xenón *nm* xenon | *x.-x.* xenon-xenon
xenoporfíritico,-ca *adj* xenoporphyritic
xenothermal *adj* xenothermal
xenótima *nf* xenotime
xenótina *nf* xenotime
xenotípala *nf* cenotypal
xenotoba *nf* xenotuff
xenotópico,-ca *adj* xenotopic
xérico,-ca *adj* xeric
xerotérmico,-ca *adj* xerothermic | *nm*
 xerothermic
xihuitl *nm* [Méx.] turquoise
xilantita *nf* fossil wood
xiloide *nm* xyloide
xilito,-ta *adj* xyloid | *nm* xyloide
xilópalo *nm* wood opal, opalized wood
xilotilo *nf* xylotile
xylantita *nf* xylanthite
xylenita *nf* xylenite, xylinite
xylinita *nf* xylenite, xylinite
xylinode *nm* xylinoid
xylita *nf* xylith, xylite | Fe-palygorskite
xylito *nm* xylith, xylite
xylocloro *nm* green apophyllite
xylocryptita *nf* xylokryptite (*var* schererite)
xyloide *adj* xyloid
xylolitha *nf* petrified wood
xylopal *nm* wood opal
xylotilo *nm* xylotile (probably an altered chrysotile asbestos) | fibrous serpentine
xylovitrián *nm* euvitrian
xylovitriano *nm* euvitrian

Y

yacente *adj* lying, deposited | *nm* footwall
yacer *vintr* to be lying down, deposited | to be located | *y. con* to lie or be deposited with | *y. con discordancia* to lie discordantly
yacente *adj* lying, deposited | *nm* footwall
yacimiento *nm* bed, deposit | ore deposits | *y. agotado* exhausted deposit, worked out deposit | *y. anticlinal* deposit occurring within an anticline | *y. con capa gasífera* oil field with a gas cap | *y. de carbón* coal deposit | *y. de condensado* condensate deposit | *y. de contacto* contact metamorphic deposit | *y. de hierro de los pantanos* bog iron ore deposit | *y. de impregnación* impregnation or disseminated deposit | *y. de magma líquido* liquid magmatic deposit | *y. de segregación* segregation deposit | *y. de substitución* replacement deposit | *y. en aluviones* placer deposit | *y. en masa* massive deposit | *y. epigenético* epigenetic deposit | *y. epitermal* epithermal deposit | *y. escondido* blind or buried deposit | *y. estratificado* stratified deposit | *y. estratiforme* stratiform deposit | *y. filoniano* vein deposit | *y. hipogénico* hypogene deposit | *y. hipotermal* hypothermal deposit | *y. hullero* coal field | *y. lenticular alargado* shoe string sand deposit | *y. magmático* magmatic deposit | *y. mesotermal* mesothermal deposit | *y. metálico* metalliferous mineral deposit | *y. metasomático* metasomatic deposit | *y. mineral* mineral deposit | *y. no metálico* non-metallic mineral deposit | *y. pegmatítico* pegmatitic deposit | *y. petrolífero* oil filed | *y. plutónico* plutonic deposits | *y. pneumatológico* pneumatolytic deposit | *y. primario* primary or hypogene deposit | *y. salino* saline or evaporite deposits | *y. secundario* secondary or supergene deposit | *y. syngenético* syngenetic deposit | *y. submarino de hidrocarburos* offshore hydrocarbon deposit | *y. superficial* surface or surficial deposit | *y. supergénico* supergene deposit | *y. subvolcánico* subvolcanic deposit | *y. tabular* tabular deposit | *y. virgen* unexploited deposit
yakutense *adj* Yakutsk | *nm* Yakutsk
Yakutskense *nm* Yakutsk
yalakomita *nf* [BC, Méx] yalakomite (a serpentинized ultrabasic rock used as a decorative stone)

yamagutilita *nf* oyamalite (*var* zircon)
yamasquita *nf* yamaskite (*obs*, amphibole jacupirangite)
yanacona *nm* a miner who works a mine leased from an absentee owner
yanolita *nf* axinite
yapa *nf* mercury added to silver ore to facilitate extraction
yapar *vtr* to add mercury to silver ore
yarda *nf* yard of three feet | *y. cuadrada* square yard | *y. cúbica* cubic yard | *y. graduada de medir* yardstick
yardaje *nm* yardage
yareta *nf* [Bol, Pe, Ch] a resinous moss found in the Altiplano and used as a fuel
Yarmouth *nm* Yarmouthian
yasa *nf* dry stream
yaúca *nf* [Pe] a smooth, black clay with greasy lustre found in veins
yeatmanita *nf* yeastmanite
yébel *nm* mountain, djebel, jebel
yelero *nm* [Ve] a windy place on a snow-capped mountain
yenita *nf* ilvaite
Yeovilense *nm* Yeovilian
yerba *nf* a flaw in an emerald
yermo,-ma *adj* uninhabited | *nm* desert
yesal *nm* gypsum mine | gypsum deposit
yesar *nm* gypsum mine | gypsum deposit
yesera *nf* gypsum pit | gypsum kiln
yesería *nf* gypsum kiln
yesero,-ra *adj* plaster | *nm* preparer and vendor of gypsum
yesífero,-ra *adj* containing gypsum, gypsiferous
yeso *nm* gypsum | chalk | plaster | *y. anhidro* anhydrous plaster | *y. arenoso* gypsum sand | *y. bandeadó* banded gypsum | *y. blanco* whiting, finishing plaster | *y. de enlucir* gypsum plaster | *y. de estucar* gypsum plaster | *y. de París* plaster of Paris | *y. de vaciar* casting plaster | *y. duro* cement plaster | *y. en cola de golondrina* selenite | *y. espáctico* selenite | *y. especular* selenite | *y. fétido* bituminous gypsum | *y. fibroso* fibrous gypsum | *y. mate* plaster of Paris | *y. negro* patent plaster | *y. selenita* selenite
yesón *nm* gypsum cap | chunk of plaster
yesoso,-sa *adj* gypseous, rich in gypsum | chalky
yesosos *nmpl* [Aguascalientes, Méx] copper ores having a calcite or flourite matrix
yneziense *adj/nm* Ynezian

yodado,-da *adj* iodized | containing iodine
yodar *vtr* to iodize
yodárgira *nf* iodargyrite
yodargirita *nf* iodargyrite
yodato *nm* iodate
yoderita *nf* yoderite
yódico,-ca *adj* iodic
yodirita *nf* iodargyrite
yodo *nm* iodine | *y.-amonio* ammonium iodate
ydobromita *nf* iodian bromargyrite
yodoembolita *nf* iodargyrite
yodostonolita *nf* manganese pyrochlore
yoduración *nf* iodization
yodurado,-da *adj* iodized
yodurar *vtr* to iodize
yoduro *nm* iodide | *y. de hidrógeno* hydroiodic acid | *y. de plata* iodargyrite, iodyrite | *y. mercuriosos* mercurious iodine
yohídrico,-ca *adj* hydroiodic
johnstonolita *nf* manganese pyrope
johnstrupita *nf* mosandrite
Yorkiense *nm* Yorkian
yosemitgranítico,-ca *adj* granitic
ypresiano,-na *adj* Ypresian
Ypresense *nm* Ypresian | *adj* Ypresian
ytterbio *nm* ytterbium
ytrio *nm* yttrium
ytriogranate *nm* yttrian garnet
ytroilmenita *nf* samarskite
ytterbita *nf* gadoliniite-(Y)
ytterita *nf* tenerite

yttrialita *nf* thorium thalenite
yttrita *nf* gadoliniite-(Y)
yttriumapatito *nm* yttrium apatite
yttrobetafita *nf* yttrobetafite
yttrocalcita *nf* yttrian fluorite
yttrocerita *nf* cerian fluorite
yttrocolombita *nf* samarskite
yttrofluorita *nf* yttrian fluorite
yttrogummitta *nf* altered uraninite
yttrohatchettolita *nf* uranpyrochlore
yttroniobita *nf* samarskite
yttro-ortita *nf* allanite-(Y)
yttropirocloro *nf* yttropyrochlore
yttrotitanita *nf* yttrium titanite
yu *nm* yú (*var* jade)
yuconita *nf* yukonite
yuksporita *nf* pectolite.
yungas *nf* [Ch, Pe, Bo] humid valleys on the east side of the Andes
yusano,-na *adj* in a lower place (i.e. the footwall)
yusente *adj* that rises or falls with the ebb tide | *n.f.* ebb
yusero,-ra *adj* in a lower place (i.e. the footwall)
yuso *adv* below (i.e. in the footwall)
yuxtaponer *vtr* to juxtapose
yuxtaposición *nf* juxtaposition
yuxtapuesto,-ta *adj* juxtaposed
yuxtalineal *adj* juxtalinear
yuxtaposición *nf* juxtaposition

Z

zabaleta *nf* [Linares, Sp] ash-pit of a furnace
zaborra *nf* paving stone | gravel, grit |
 screenings | fragments
zaborro *nm* [Sp] chunk of plaster
zaca *nf* a large leather bag, like an oversize
 wine-skin (*zaque*) used to bail water out of a
 mine
zafareche *nm* lake | reservoir
zafir *nm* archaic spelling of *zafiro*
zafireo,-ea *adj* sapphire-colored
zafirino,-na *adj* sapphirine, sapphire-colored |
nf blue chalcedony or agate
zafirita *nf* a variety of blue chalcedony
zafiro *nm* sapphire | ultramarine, lapis lazuli |
z. amarillo yellow topaz, oriental topaz | *z.*
asteria star sapphire | *z. azul* blue hyaline
corundum | *z. azul hembra* light blue hyaline
corundum | *z. azul macho* dark blue hyaline
corundum | *z. blanco* colorless sapphire, white
sapphire | *z. calcedonioso* milky blue sapphire
 | *z. de agua* gem cordierite | *z. del Brasil* blue
tourmaline, indicolite | *z. Du Puy* *Du Puy*
sapphire (from Expailly, near *Du Puy*, France)
 | *z. estrellado* sapphire with asterism | *z. falso*
pink tourmaline | *z. girasol* *girasol* sapphire |
z. ojo de gato cat's-eye sapphire | *z. oriental*
light blue sapphire, oriental sapphire | *z. rojo*
oriental ruby, red corundum | *z. verdadero*
saffire | *z. verde* oriental emerald, green
hyaline corundum | *z. violeta* oriental
amethyst, violet hyaline corundum
zafra *nf* gangue, waste rock
zafre *nm* zaffer or zaffre, an oxide of cobalt
zafrero *nm* common laborer in a mine (usually
 applied to muckers)
zagalone *nm* [Cartagena and Almagrera, Sp]
 youth employed as an orebearer
zahén *adj* of fine gold, generally in the case of
 coinage
zahena *nf* doubloon, an old Spanish coin
zahondar *vtr* to sink | *vintr* to deepen
zahorra *nf* ballast stone
zala *nf* borax
zamarra *nf* slab | bloom of a Catalonian forge
zamboninita *nf* mixture of fluorite and sellaite
 | nontronite
zambullidor *nm* [Col] workman who dives
 underwater to recover auriferous gravels

zambullir *vtr* [Col] to extract auriferous
 gravels from a streambed by diving, with the
 assistance of ladders, poles etc., the gravels
 usually being collected in *bateas* for washing
zancleano,-na *nm/adj* Zanclean
zangarro *nm* [Asientos, Méx] small mill
zanja *nf* ditch, channel, trench | trench,
 cutting, or pit, such as those dug to prospect
 for ores | [Arg, PR] ravine, gully | *z. de*
exploración test trench | *z. de lodo* mud pit | *z.*
de préstamo borrow pit
zanjadora *nf* ditching machine, ditcher
zanjar *vtr* to dig a ditch or trench (note: used
 figuratively, *zanjar* means to overcome some
 difficulty or obstacle)
zanjeador *nm* ditch digger
zanjeadora *nf* ditcher
zanpear *vtr* to dig a ditch
zanjeo *nm* ditching, ditch digging | underhand
 stoping
zanjón *nm* large or deep ditch or trench | [Arg]
 steep gully | [PR] solution corridor
zanoga *nf* glacial cirque
zapa *nf* sapping, undermining, or trenching as
 military engineers did in the days of seige
 warfare | intermediate galleries driven
 between main galleries
zapadora *nf* excavator
zapapico *nm* pick-axe, mattock
zapar *vtr* to undermine | to excavate
zaranda *nf* sieve, screen, or riddle, either used
 by hand (*de mano*) or mechanical
zarandado,-da *adj* sieved, screened
zarandador,-dora *nm/nf* screener, siever
zarandar *vtr* to sift, sieve, screen
zarandear *vtr* to sift, sieve, screen
zarandeo *nm* sifting sieving, or screening | *z.*
grosero rough screening
zarandero,-ra *nm* or *nf* sifter, screen tender
zarandillo *nm* small sieve
zarco,-ca *adj* light blue
zarda *nf* [Arg] a type of bit used for drilling
 wells
zarzo *nm* roof timber in a mine
zemorriense *nm/adj* Zemorrian
zenit *nm* zenith
zenital *adj* azimuthal
zeofilita *nf* zeophyllite
zeolita *nf* zeolite | *z. azul* lazulite | *z. barítica*
 barium zeolite | *z. bronceada* dark stilbite | *z.*
cálcica calcium zeolite | *z. cúbica* chabazite | *z.*

<i>calcífera</i> calcium zeolite <i>z. de Borkhult</i>	<i>zincteallita</i> <i>nf</i> mixture of teallite and wurtzite
zeolitized anorthite <i>z. de Bretaña</i> laumontite <i>z. de Edelfors</i> edelforsite <i>z. de Sudermania</i>	<i>zinkaragonito</i> <i>nm</i> nicholsonite
spodumene <i>z. de Suecia</i> spodumene <i>z. del Cabo</i> prehnite <i>z. dura</i> analcime <i>z. férrica</i>	<i>zinkboothita</i> <i>nf</i> zinc boothite
iron zeolite <i>z. harinosa</i> laumontite <i>z. manganésica</i> manganese zeolite <i>z. nacarada</i>	<i>zinkhausmannita</i> <i>nf</i> hetairite
stilbite <i>z. potásica</i> potassium zeolite <i>z. radiada</i> mesolite <i>z. roja</i> edelforsite <i>z. sódica</i>	<i>zinkisa</i> <i>nf</i> tin sulfide
sodium zeolite <i>z. sodicálcia</i> sodium-calcium zeolite	<i>zinkita</i> <i>nf</i> zincite
zeolítico,-ca <i>adj</i> zeolitic	<i>zinkmelanterita</i> <i>nf</i> zinc melanterite
zeolitización <i>nf</i> zeolitization	<i>zinkosita</i> <i>nf</i> zinc sulfate
zermattita <i>nf</i> chrysotile antigorite	<i>zinkphyllita</i> <i>nf</i> hopeite
zeugira <i>nf</i> metabrushite	<i>zinntitanita</i> <i>nf</i> stanniferous sphene
zeugita <i>nf</i> acicular ferrous tourmaline	<i>zinopel</i> <i>nm</i> red jasper mixed with gold-bearing pyrite
zeylanita <i>nf</i> ceylonite	<i>zinque</i> <i>nm</i> zinc (archaic spelling)
zeyringita <i>nf</i> calcite aragonite	<i>ziquitumba</i> <i>nf</i> dewatering of a mine by hand labor
zeyssatita <i>nf</i> randanite	<i>zircarbita</i> <i>nf</i> zirconium carbonate
zianita <i>nf</i> kyanite	<i>zircofilita</i> <i>nf</i> zircophyllite
ziguelina <i>nf</i> a brick-red <i>var</i> cuprite (mixed with limonite) dolomite with finely disseminated cinnabar	<i>zircón</i> <i>nm</i> zircon <i>z. fávas</i> baddeleyite
zigzag <i>nm</i> zigzag <i>en z.</i> staggered	<i>zirconiana</i> <i>nf</i> zincan syenite
zigzaguar <i>vtr</i> to zigzag	<i>zirconio</i> <i>nm</i> zirconium
zillerita <i>nf</i> tremolite-actinolite asbestos (<i>var</i> mountain cork)	<i>zirconita</i> <i>nf</i> zircon
zillerithita <i>nf</i> tremolite-actinolite asbestos (<i>var</i> mountain cork)	<i>zircón-jacinto</i> <i>nm</i> rosembuschite
zimapanita <i>nf</i> zimapanite (a rejected mineral species)	<i>zircón-pectolita</i> <i>nm</i> rosembuschite
zinaltsita <i>nf</i> zinaltsite	<i>zirconolita</i> <i>nf</i> zirkelite
zinc <i>nm</i> zinc <i>z. carbonatado</i> smithsonite <i>z. electrotérmico</i> electrothermic zinc <i>z. hidrocarbonatado</i> hydrozincite, calamine <i>z. oxidado silicífero</i> calamine, hydrozincite	<i>zicosulfato</i> <i>nm</i> zicosulfate
zincaluminita <i>nf</i> zincaluminite	<i>zirkita</i> <i>nf</i> mixture of zircon and baddeleyite
zincazurita <i>nf</i> mixture of zinc sulfates and copper carbonates	<i>zirkofilita</i> <i>nf</i> zircophyllite
zincífero,-ra <i>adj</i> zinc-bearing, zinciferous	<i>zirlita</i> <i>nf</i> allophane
zincobotriogen <i>nm</i> zincobotriogen	<i>ziszás</i> <i>nm</i> zigzag <i>en z.</i> staggered
zincocalcita <i>nf</i> zinc calcite	<i>zoantariense</i> <i>nm</i> Zoantarian
zincoferrita <i>nf</i> franklinite	zöblitzita <i>nf</i> serpentine
zincolivenita <i>nf</i> zinc olivine	zócalo <i>nm</i> basement, continental platform <i>z. continental</i> continental shelf, continental plain <i>z. estable</i> table shelf or platform <i>z. insular</i> insular shelf <i>z. lábil</i> tectonically formed platform or shelf <i>z. liminar</i> continental plain
zinconisa <i>nf</i> hydrozincite, calamine	zocollar <i>vtr</i> [Ec] to clear land (preparatory to mining)
zincoschefferita <i>nf</i> zinc schefferite	zoesita <i>nf</i> fossiliferous chalcedony
zincosita <i>nf</i> zinc sulfate	zoisitaoligoclasapegmatita <i>nf</i> oligoclase zoisite pegmatite
zincoso,-sa <i>adj</i> zincous	zona <i>nf</i> zone. area (as in <i>la zona estudiada</i> 'the study area') region, belt (as in <i>zona mineralizada</i> 'mineralized region' or 'belt.') layer or band of mineral in a vein (as in <i>zonas de cuarzo</i> , 'quartz bands') <i>z. abisal</i> abyssal zone <i>z. abismal</i> abyssal zone <i>z. aciete-agua</i> oil-water contact <i>z. acinal</i> acinal area <i>z. afótica</i> aphotic zone <i>z. alterada</i> [seis] weathered zone <i>z. batial</i> bathyal zone <i>z.</i>
zincrodrosita <i>nf</i> zinc rhodochrosite	
zincrómerita <i>nf</i> zinc römerite	
zincsiderita <i>nf</i> zinc siderite	

ciega [seis] blind zone | z. comprobada proven zone | z. contaminada contaminated zone | z. contigua contiguous zone | z. cortical upper crust | z. costera coastal zone (to 200 m depth) | z. de ablación ablation area | z. de acumulación accumulation zone | z. de aeración zone of suspended water | z. de agotamiento zone of depletion | z. de alteración alteration zone. | z. de anamorfismo anamorphic zone | z. de arranque root zone | z. de Benioff Benioff zone | z. de capas plegadas folded zone | z. de capilaridad capillary fringe | z. de cementación zone of cementation | z. de cizalladura shear zone | z. de cizallamiento shear zone | z. de contacto contact zone | z. de deposición zone of deposition | z. de derrumbamiento zone of caving (in a well) | z. de desarrollo development zone, pay zone | z. de descargo zone of discharge | z. de dislocación fault zone | z. de drenaje drainage area | z. de erosión zone of erosion | z. de explotación producing zone | z. de fallas fault zone, zone of faulting | z. de flujo zone of flow or plastic flow | z. de fracturamiento or fracturación fracture zone | z. de hundamiento zone of subsidence | z. de iluviación zone of illuviation | z. de infiltración zone of infiltration | z. de inundación flood area | z. de invasión invasion zone | z. de inyección injection zone | z. de las coráinas (30-90 m water depth) | z. de las laminarias (0-30 m water depth) | z. de los corales (100-500 m water depth) | z. de meteorización zone of weathering | z. de mobilidad asthenosphere | z. de pérdida de circulación de lodo lost circulation zone | z. de saturación saturation zone | z. de saturación intermitente zone of intermittent saturation | z. de sedimentación zone of deposition | z. de transformación metamórfica metamorphic transformation zone | z. de transición transition zone | z. de trituración crush zone | z. de turbulencia zone of turbulence | z. de vórtices whirl-zone | z. débil weak zones in the crust that form geosynclines | z. disfótica dysphotic zone | z. eufótica euphotic zone | z. explotada stope | z. extérnida external zone (in alpine folding) | z. fallada fault zone | z. firme terra firma | z. fluida lower crust | z. fracturada fracture zone | upper crust | z. glacial glacial zone | z. infiltrada infiltration zone | z. intermedia intermediate belt | that part of a geosyncline where mountain-

building occurs | z. intérnida internal zone (in alpine folding) | z. inundada flooded zone | z. límite limiting zone | z. litoral coastal zone | z. mediánida zone of folding | z. medída zone of folding | z. mésida zone of folding | z. metamórfido zone of maximum metamorphism | z. miogeosinclinal miogeosyncline | z. miomagmática miogeosyncline | z. muerta dead zone | z. no comprobada unproven zone, untested area | z. petrolífera oil zone | z. plegada folded zone | z. polar polar zone | z. por escalones stoping ground | z. por escalones en escalón stoping level | z. positiva positive segment [of earth's crust] | z. productora productive zone, producing zone | z. rígida stable zone | z. sísmica seismic zone or area | z. de sombra [geophys] shadow zone | z. templada temperate zone | z. tórrida torrid zone | en z. [cryst] zoned
zonación *nf* zonation. | z. metasomática metasomatic zoning
zonado,-da *adj* zoned
zonal *adj* zonal
zonalidad *nf* zonality, zoning
zonamiento *nm* zoning
zonar *adj* zoned compositionally (as for a magma)
zonga *nf* [Col] rubble stone
zonificación *nf* zoning
zonita *nf* [Ariz] local term for multicolored chert and jasper
zonización *nf* [Arg] zoning
zonoclorita *nf* zonochlorite (*var* pumpellyite)
zonulo *nm* zonule
zoofásmico,-ca *adj* zoophasmic
zoógeno,-na *adj* of organic origin
zoolita *nf* sedimentary rock formed exclusively or predominantly from animal remains | biolith | zoolith
zoolito *nm* fossilized animal
zopetero *nm* embankment, slope
zorgita *nf* mixture of clausalite, tiemannite, and umangite
zorra *nm* [Bol] flatcar used in a mine to carry equipment | [Méx] assistant who carried a light for the chief miner when the latter went underground
zubía *nf* channel, pool, swamp
zuloagense *nm/adj* Zuloagan
zunyita *nf* zunyite
zurdo *nm* a shaft sunk opposite the dipping

side of a vein. (this is, of course, opposite from the side of a vein one normally sinks a shaft on, unless one intends to stope from below; hence, the use of *zurdo*, which normally means 'lefty' or 'southpaw', and in Hispanic cultures carries negative and unlucky connotations)

zurlia *nf* mellilite

zurrapa *nf* dregs, lees or sediment | raw sulphur containing 5 to 6% impurities

zurripiento,-ta *adj* muddy, turbid

zurraposo,-sa *adj* muddy, turbid

zurrón *nm* leather bag or sack, holding about 150 lbs., used to haul ore

zurronero *nm* workman who carries ore or waste in a *zurrón*